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ABSTRACT

Matematica 1 is the first book of a mathematics program in Portuguese "designed for first graders." The book contains 15 chapters dealing with: sets, numeration, place value, numbers from 0 through 99, addition and subtraction, geometric shapes, measurements (money, time, length), fractions, word problems, and commutative and associative properties. The book provides a pictorial introduction to each new concept, sample and practice exercises, and end of chapter reviews and tests. Copies available from the publisher have perforated pages so that pages can easily be removed for correcting by the teacher. (RH)

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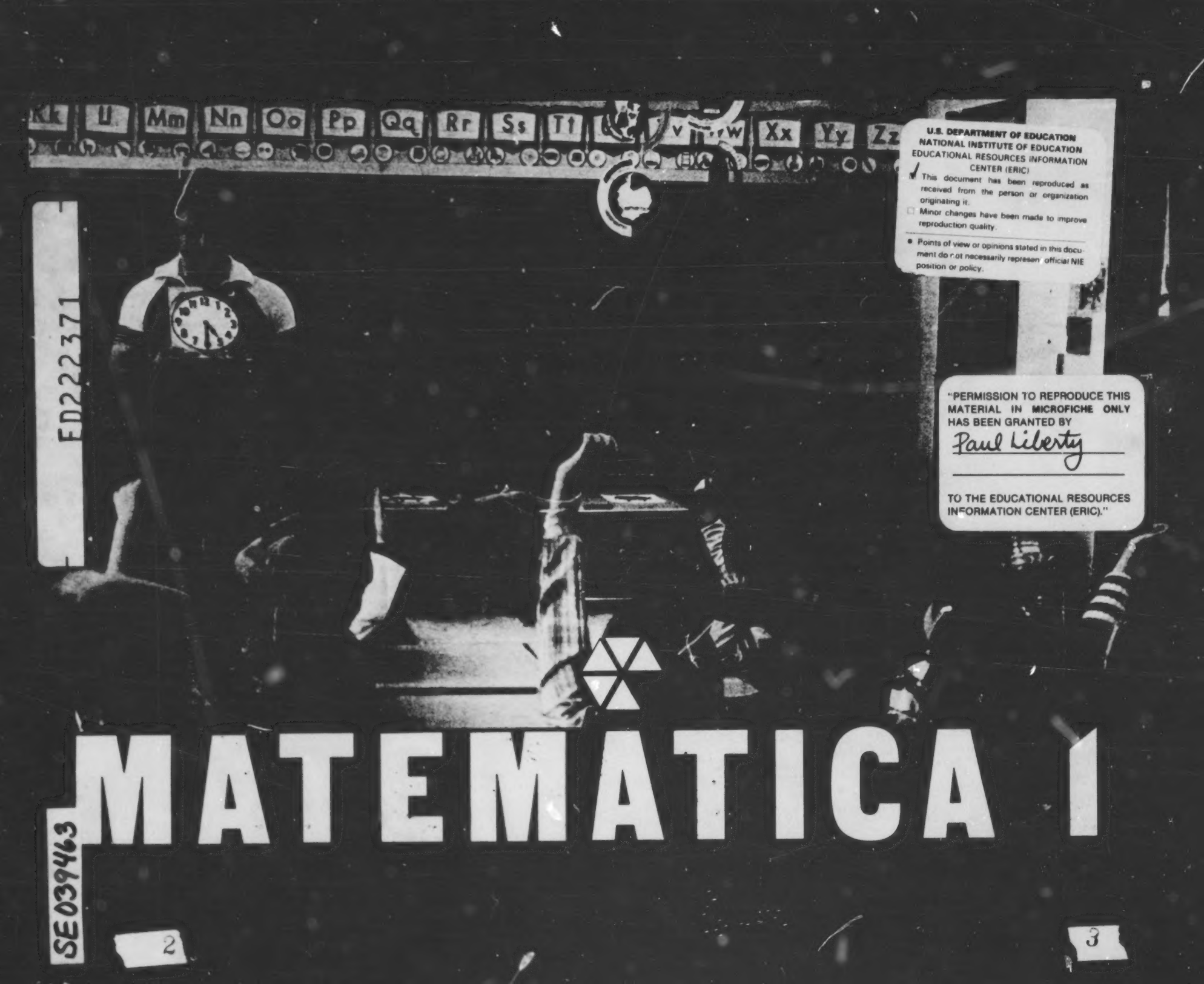

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MATEMATICA 1

SE039463

Developed by:

National Portuguese Materials Development Center
Center for Portuguese and Brazilian Studies
Brown University, Providence, Rhode Island 02912

Nome do Aluno: _____

Escola: _____

MATEMÁTICA 1

Livro do Aluno

Maria José D'Alu

Ilustração e
Montagem Gráfica: **Teófilo Ramos**

Published by National Assessment and Dissemination Center, ESEA Title VII
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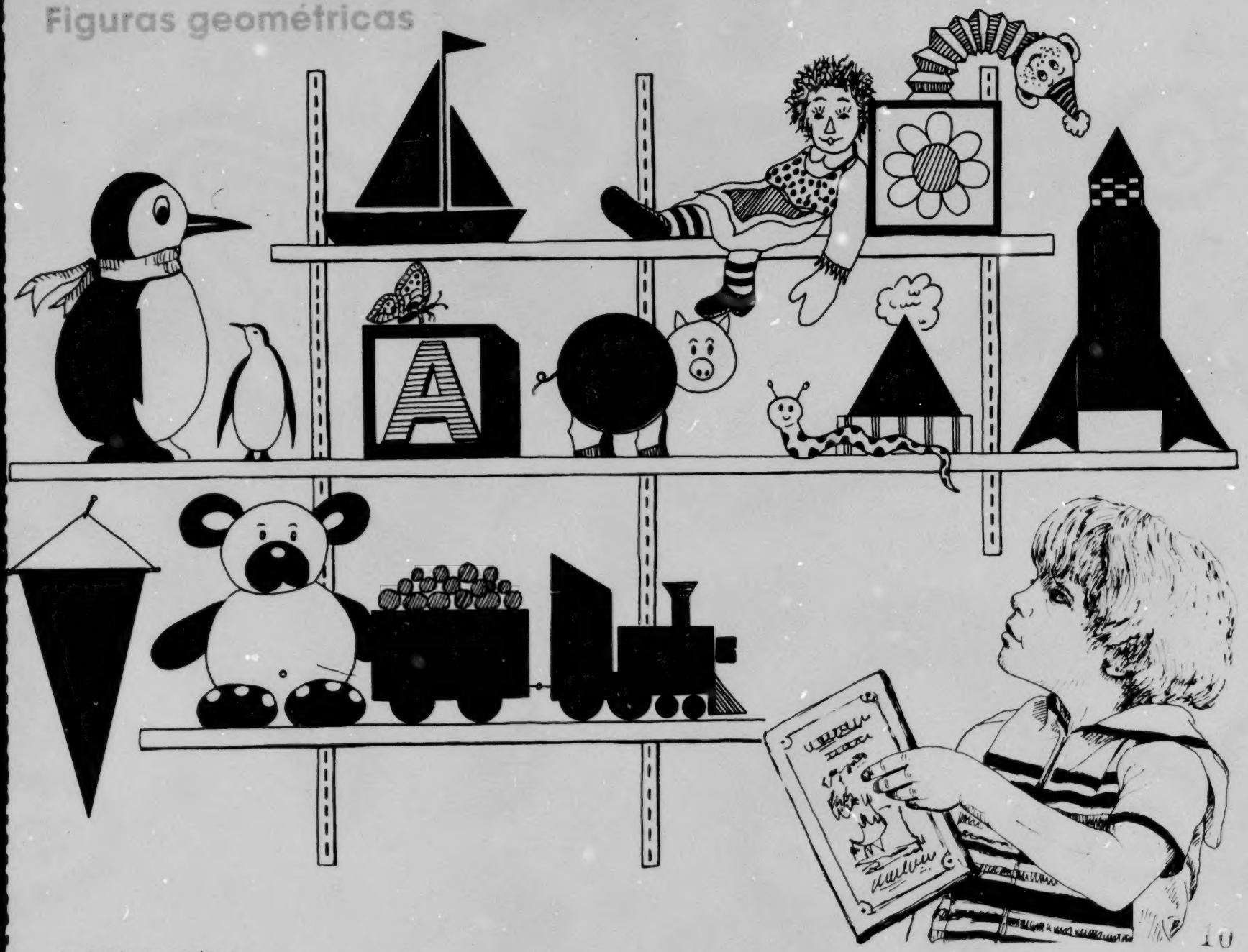
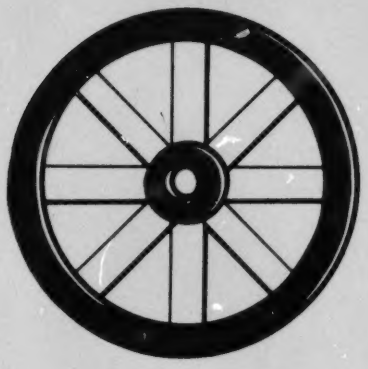
Figuras geométricas



Identificar figuras geométricas.

Pinta de azul os círculos.



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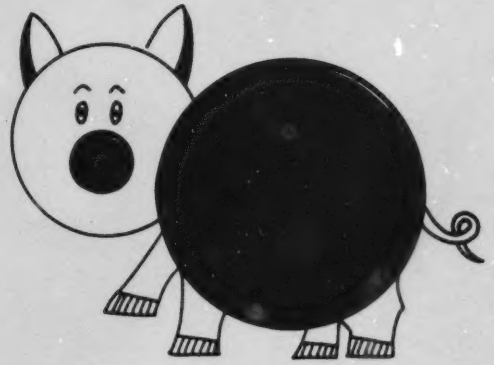

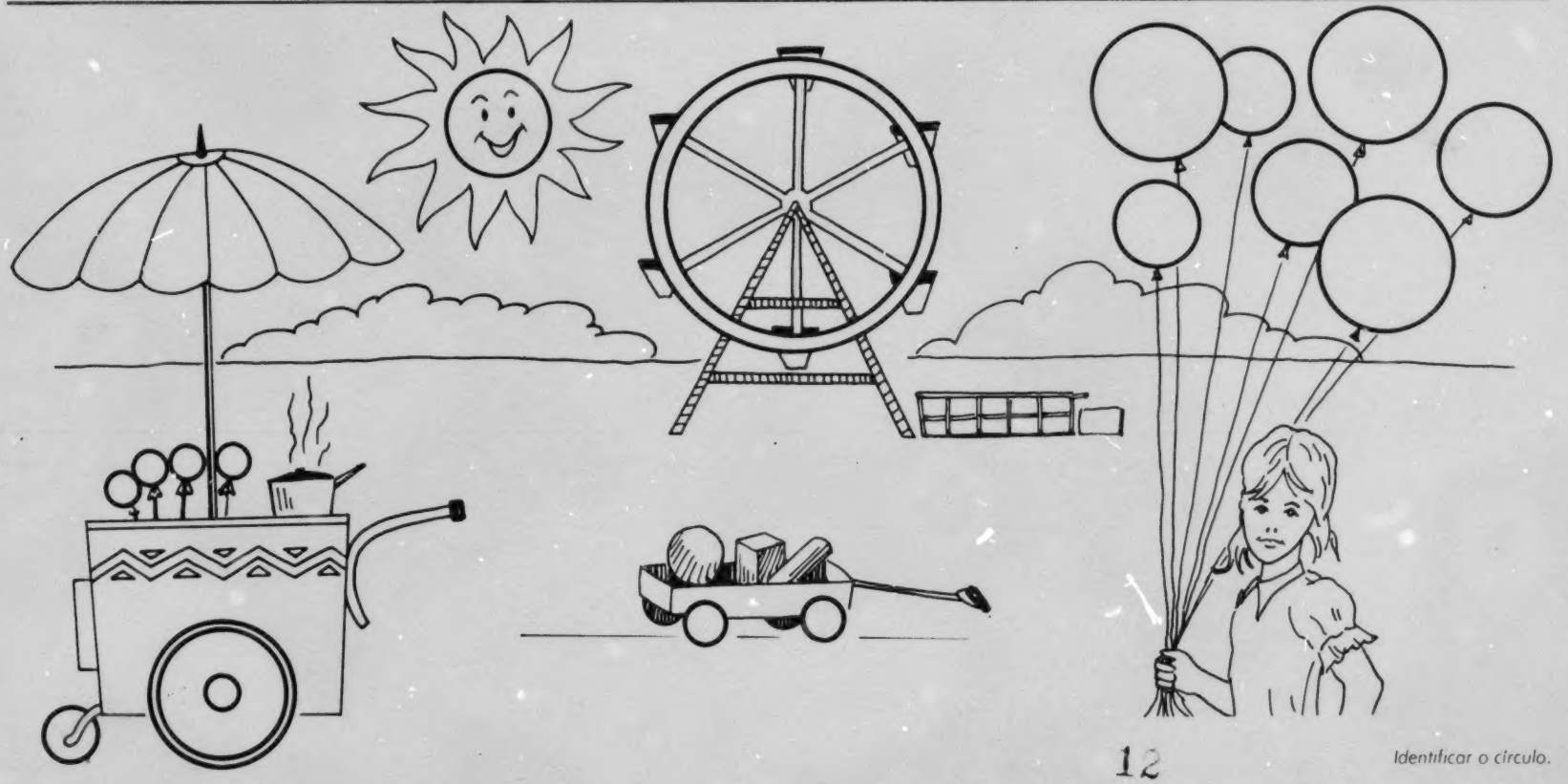

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12

Identificar o círculo.

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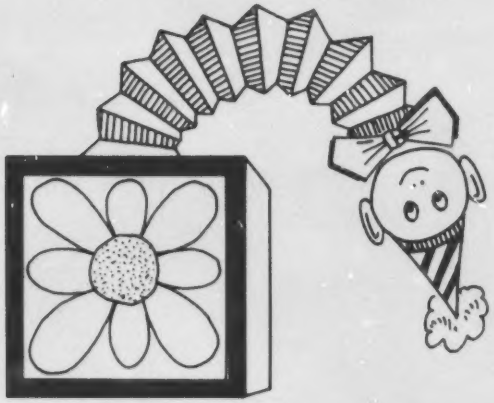
Pinta de vermelho os quadrados.



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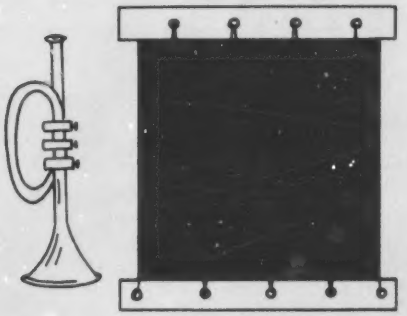
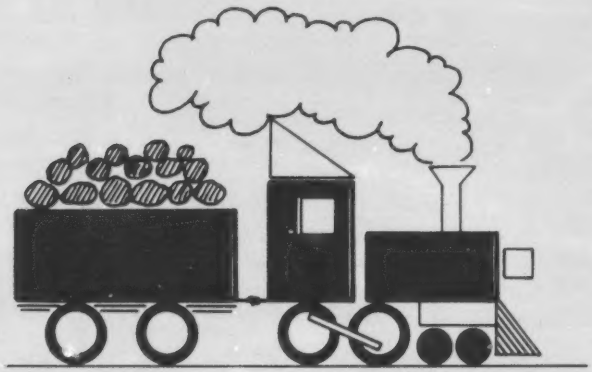


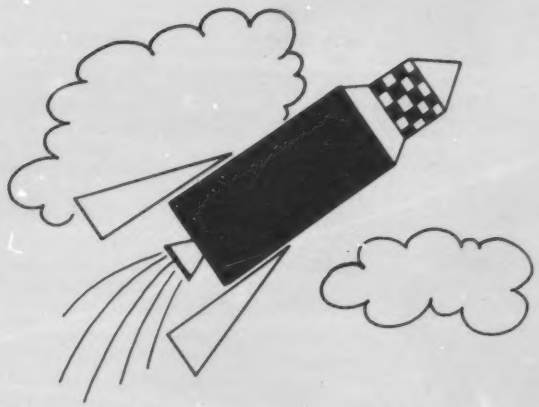
3

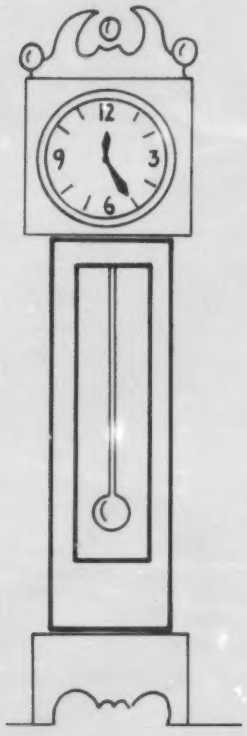
Identificar o quadrado ou uma região quadrada.

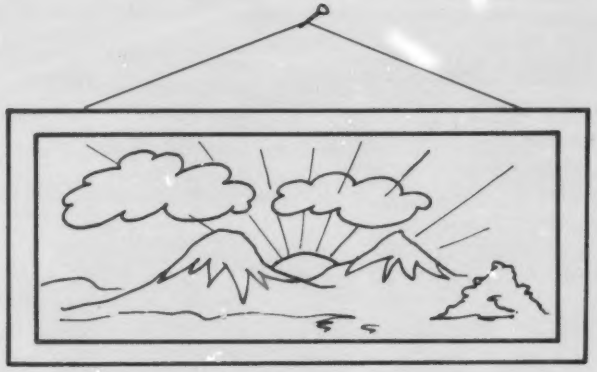
Pinta de amarelo os rectângulos.

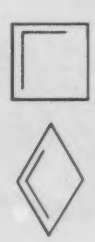


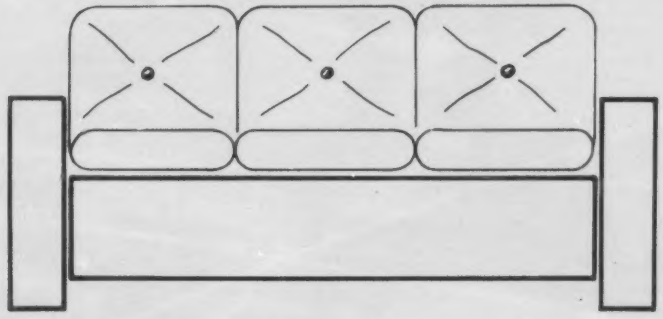
RECTÂNGULO











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Identificar o rectângulo.

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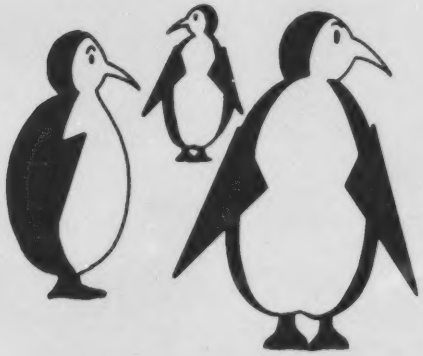
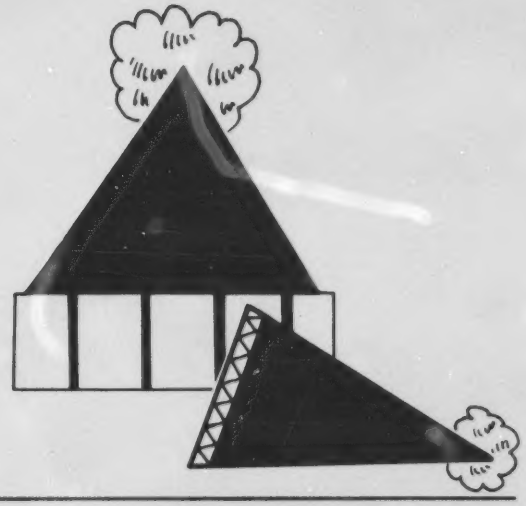
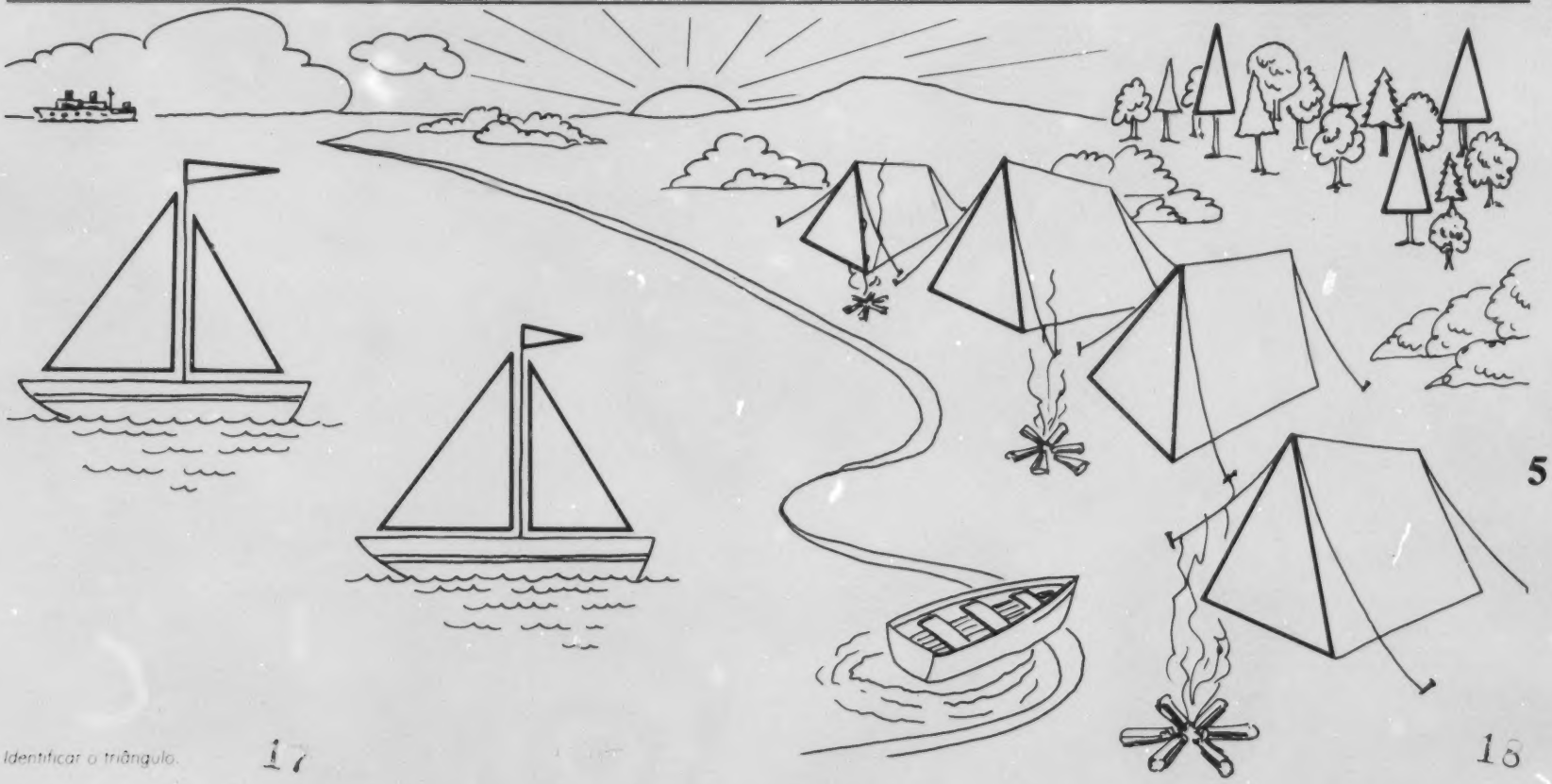
Pinta de verde os triângulos.

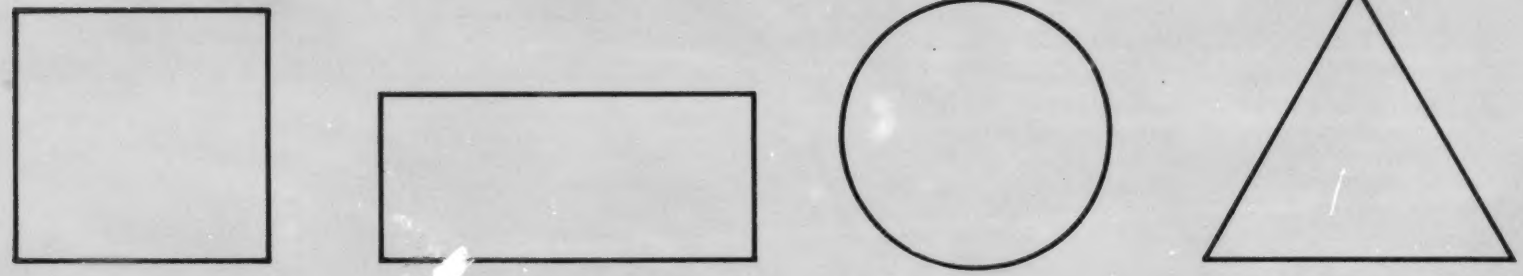


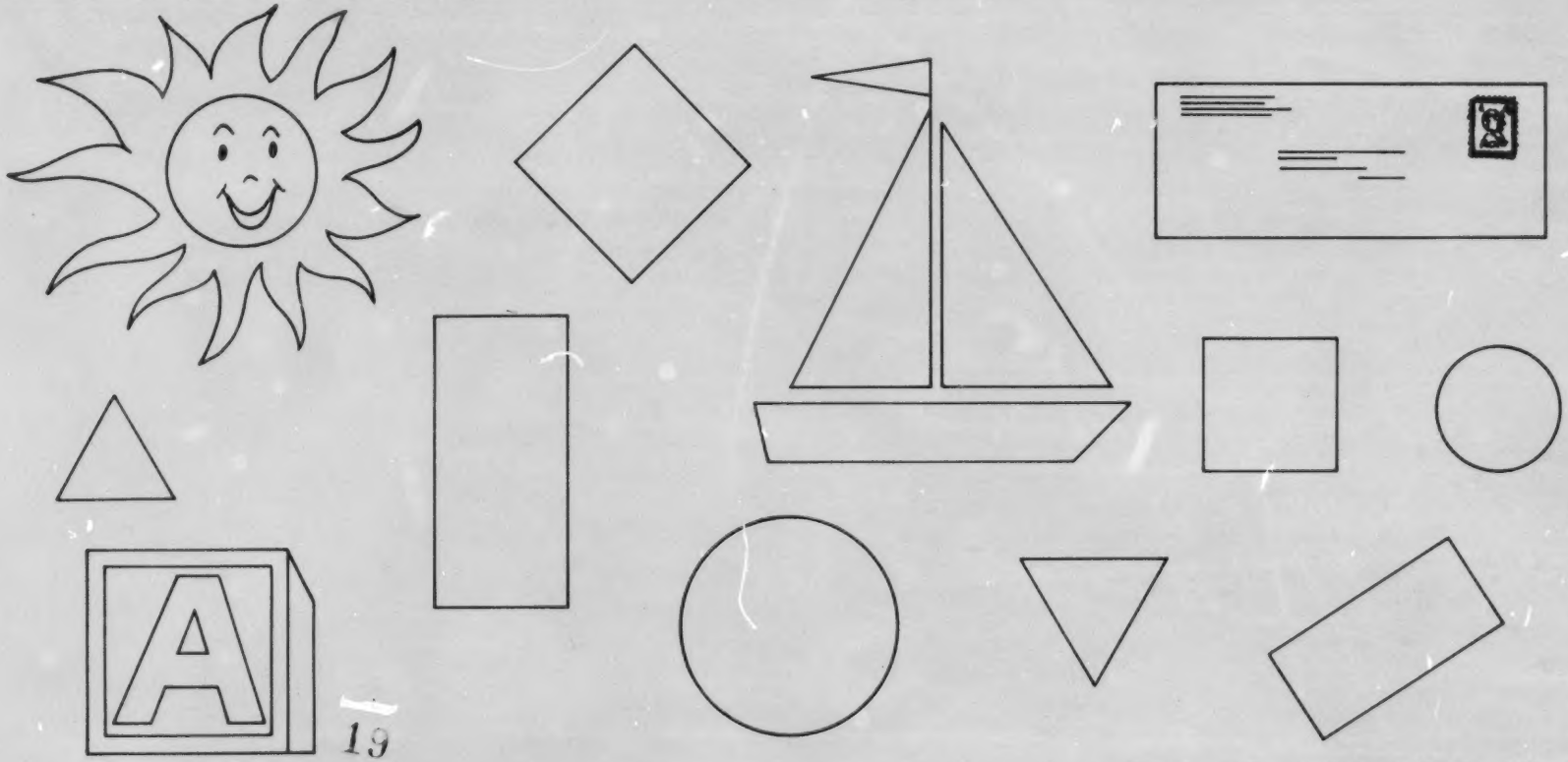




5

Pinta de azul os ◯, de vermelho os □, de amarelo os ▭ e de verde os △.





6

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Identificar círculos, quadrados, rectângulos e triângulos.

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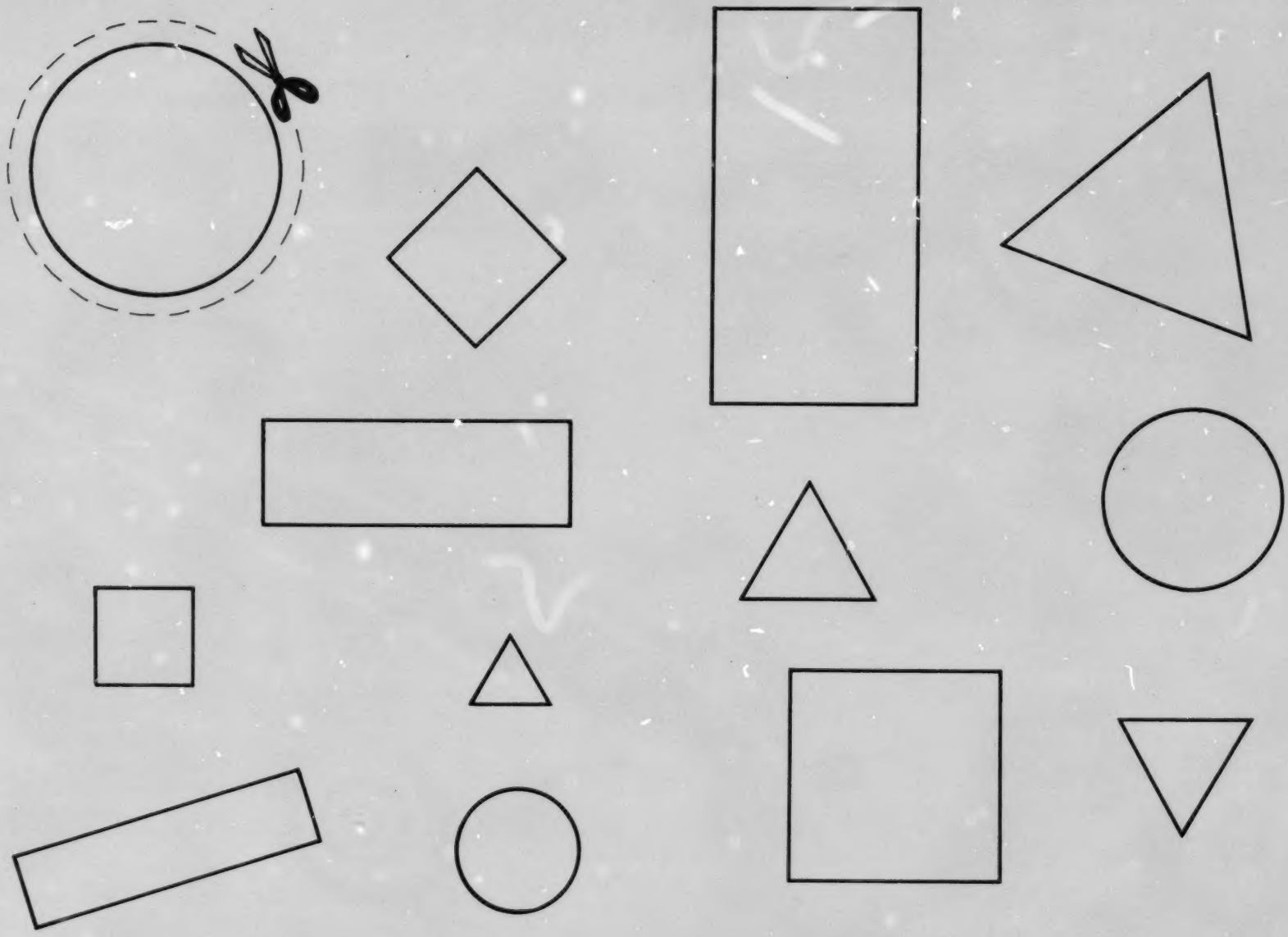
Recorta as figuras e cola-as noutra folha em quatro colunas.

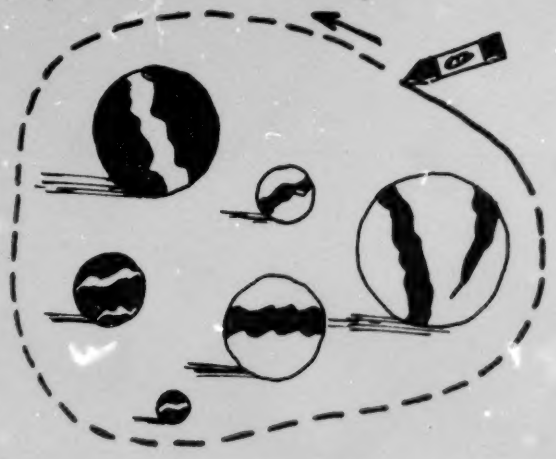


7

Avaliação: figuras geométricas (círculos, quadrados, rectângulos e triângulos).

Conjuntos

Circunda os objectos semelhantes para formar conjuntos.



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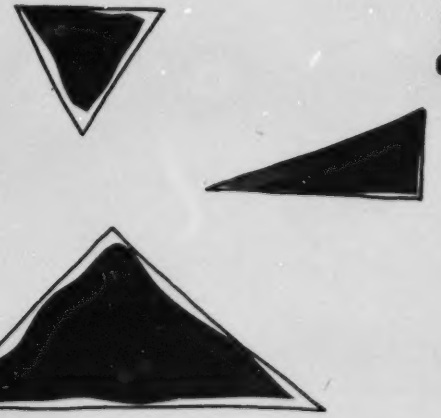

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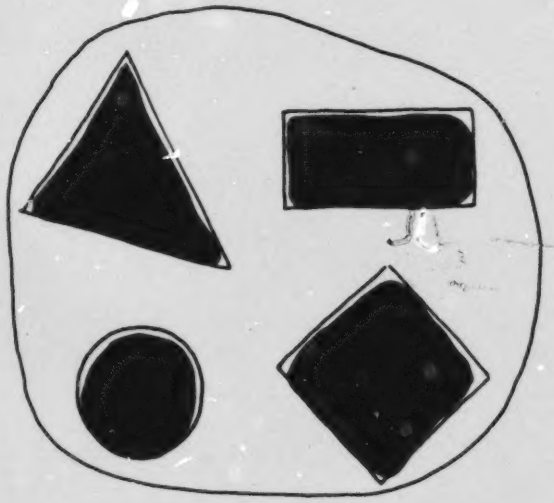
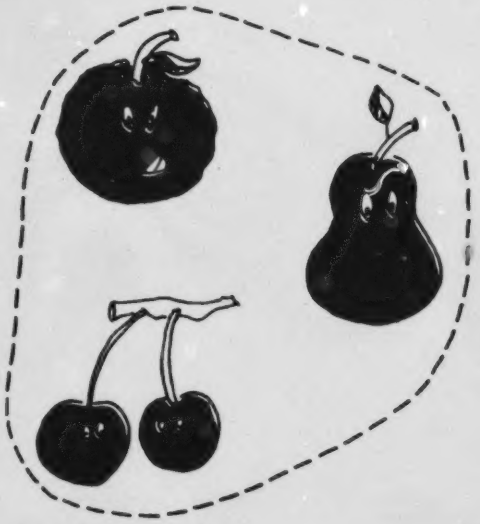
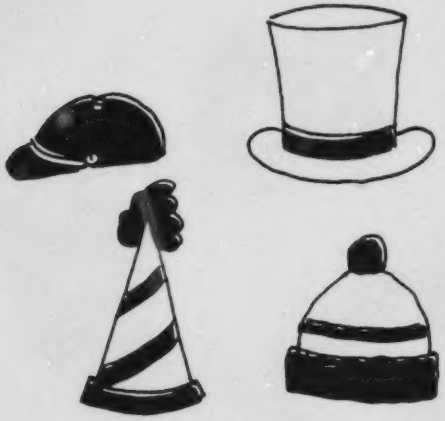
Identificar uma colecção de objectos como sendo um conjunto.

Circunda os objectos semelhantes para formar conjuntos.



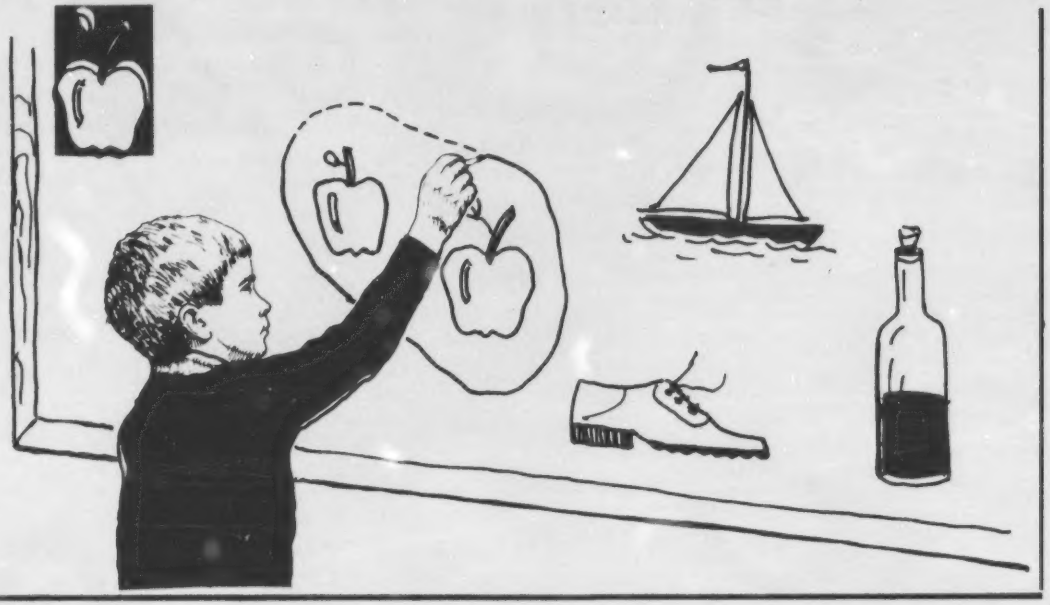


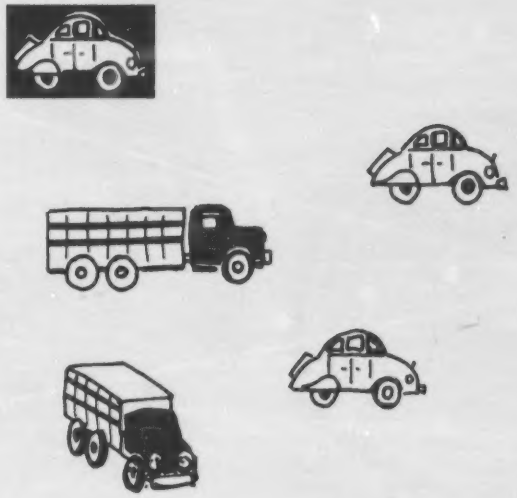


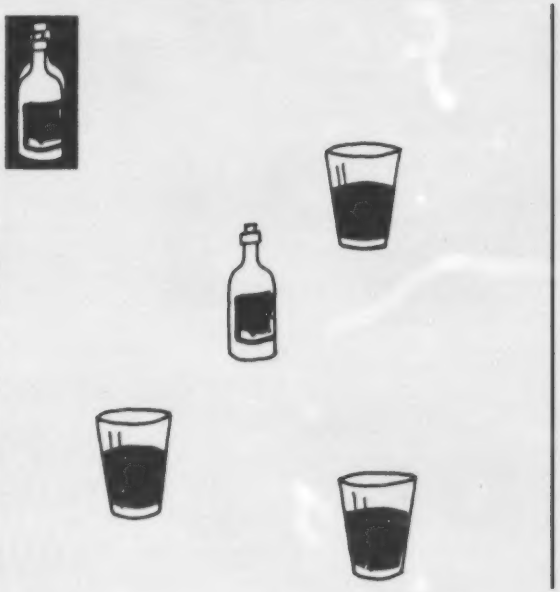
9

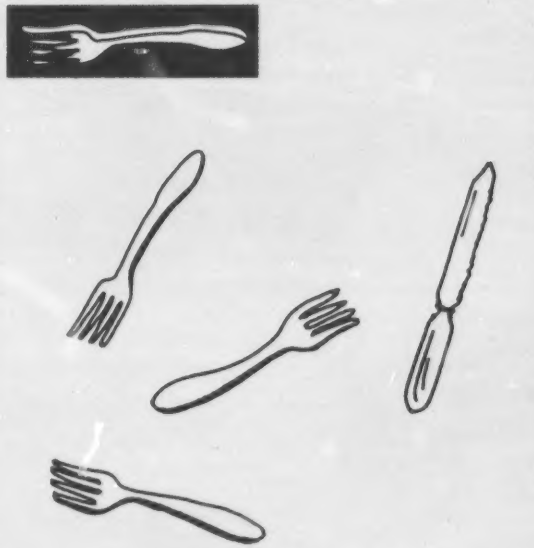
Identificar uma colecção de objectos como sendo um conjunto.

Circunda os objectos iguais ao que está ■.









10

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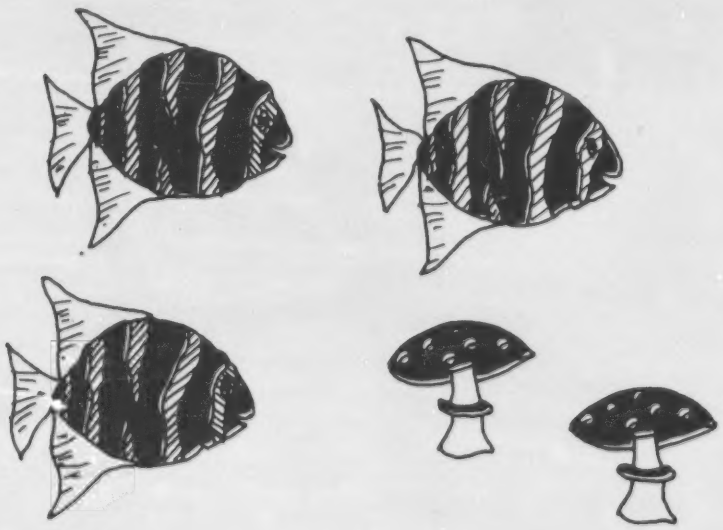
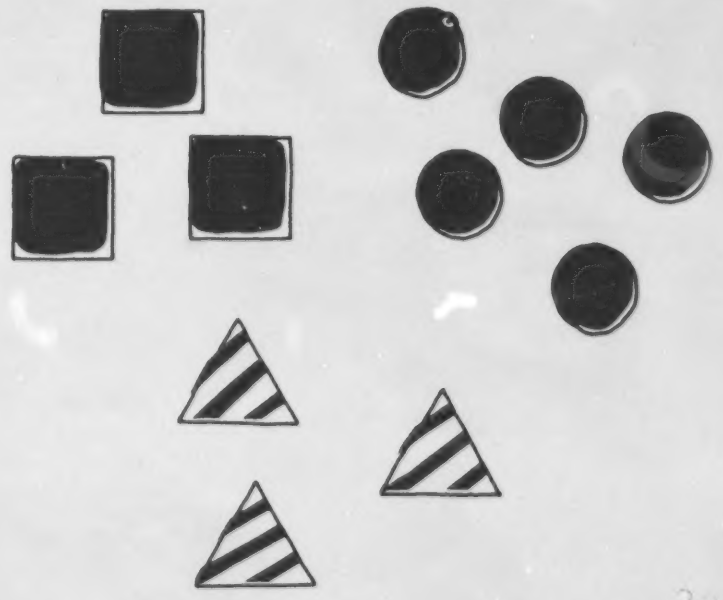
Identificar um subconjunto num conjunto.

Circunda os objectos iguais em cada um dos conjuntos.



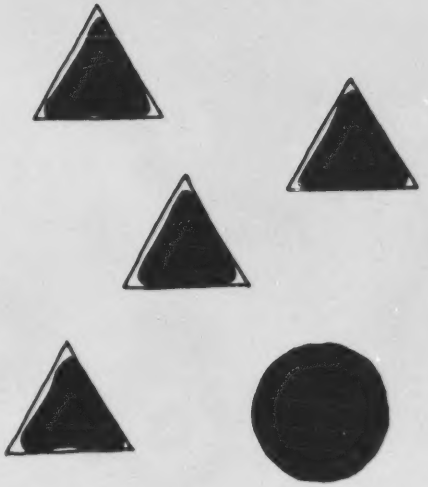


23

Identificar um subconjunto num conjunto.

30

Faz um X sobre os objectos que não pertencem à colecção.



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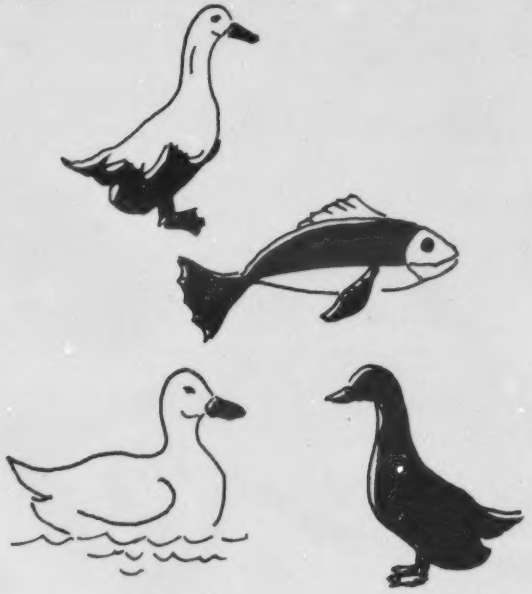

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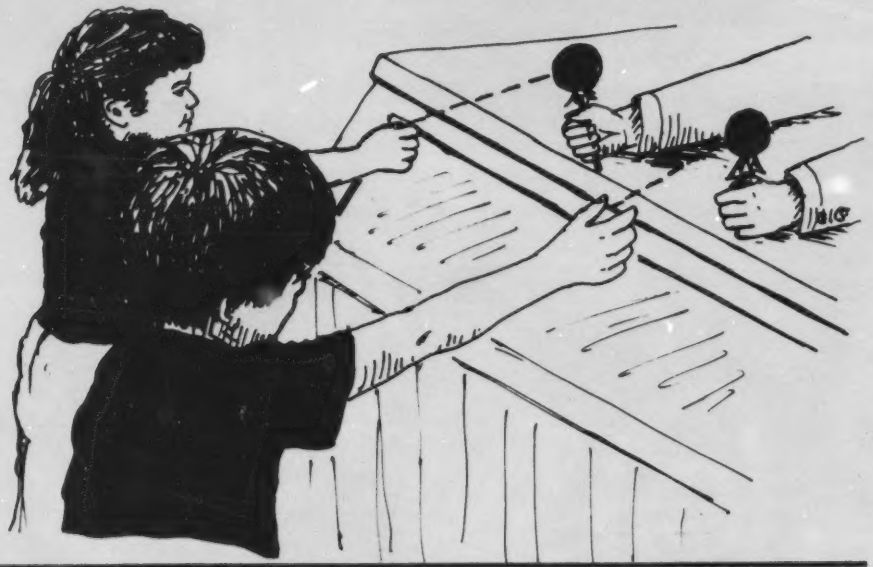
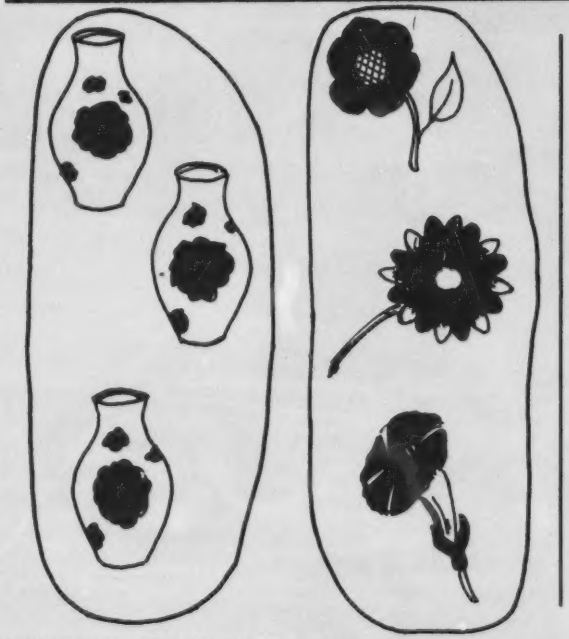
Identificar elementos que não pertencem a um conjunto.

Liga os elementos de um conjunto aos de um outro.

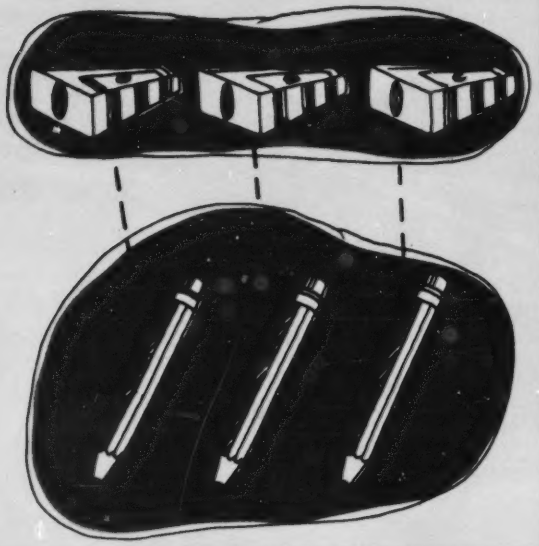


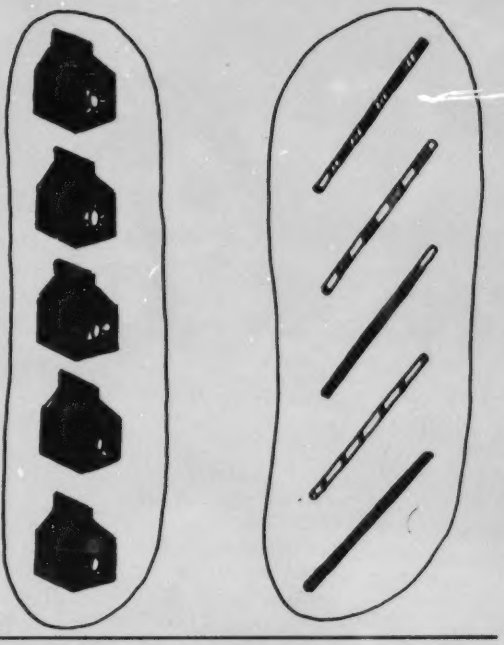


13

Estabelecer correspondências um a um.

Liga os elementos de um conjunto aos de um outro.





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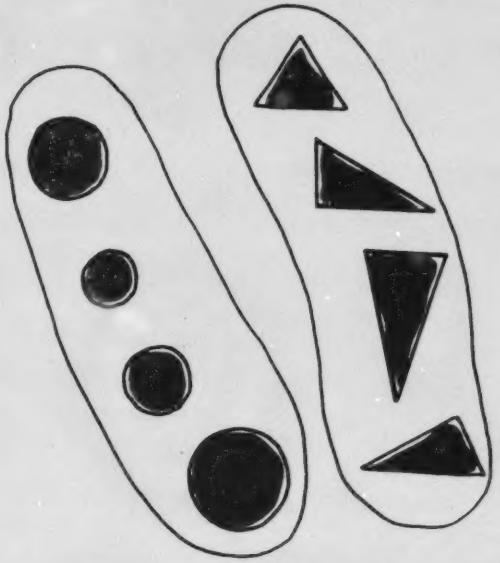

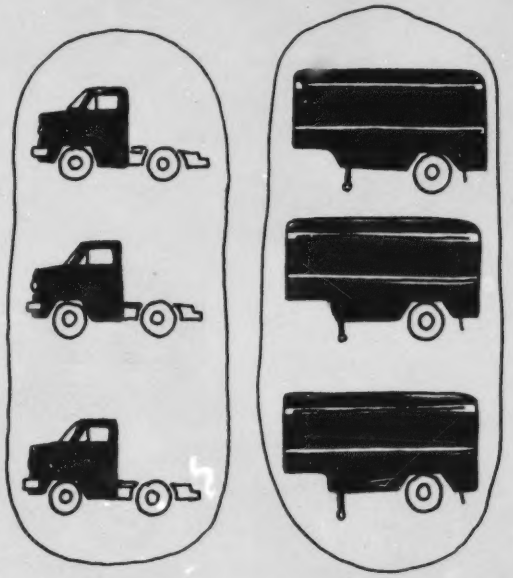

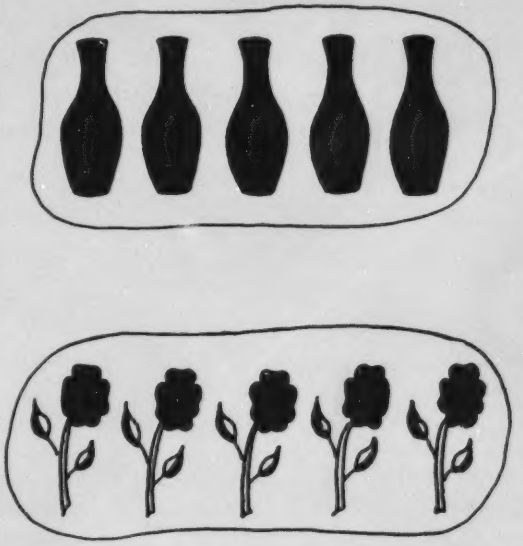

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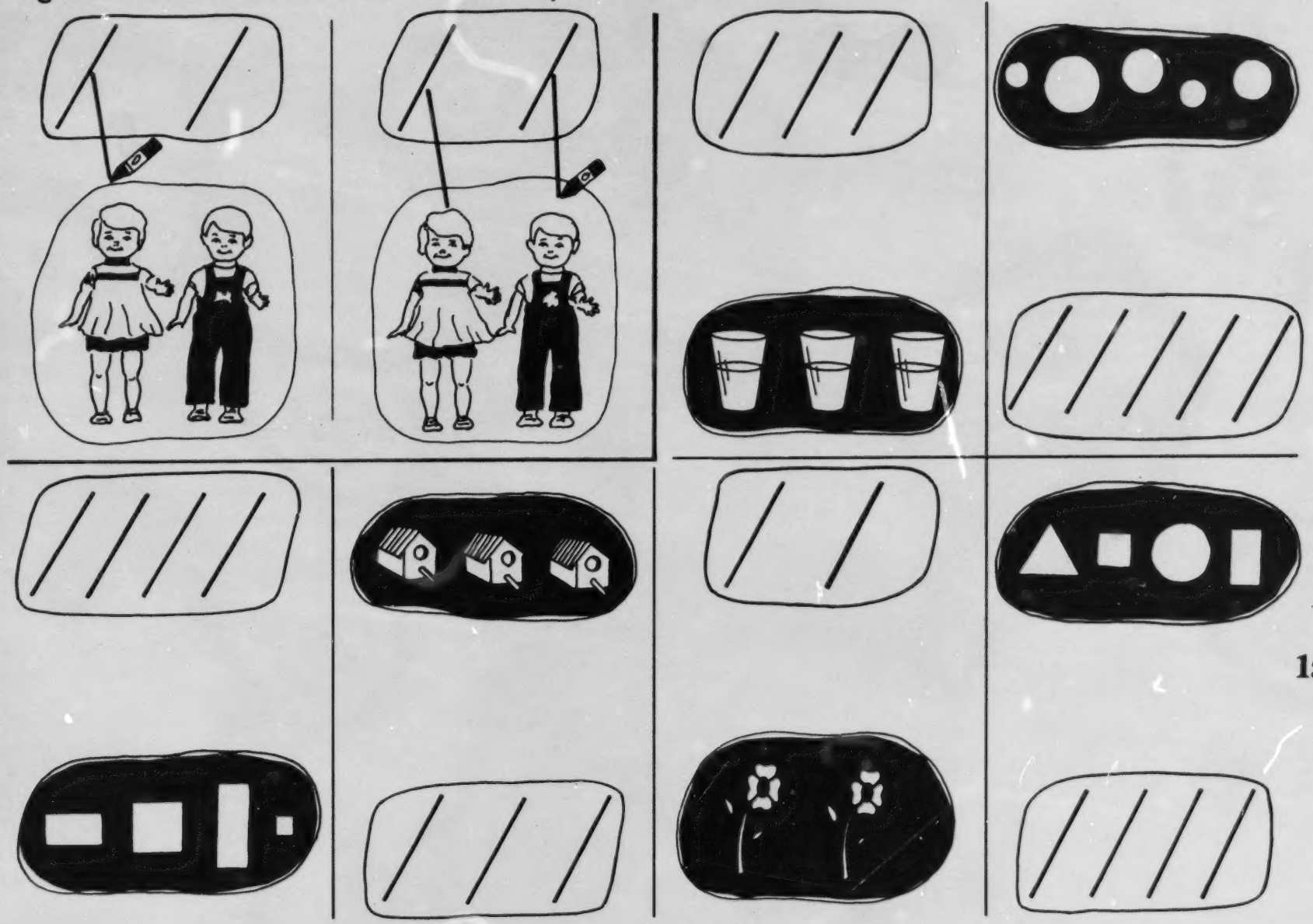
Demonstrar pelo processo de corespondência que dois conjuntos são equivalentes.

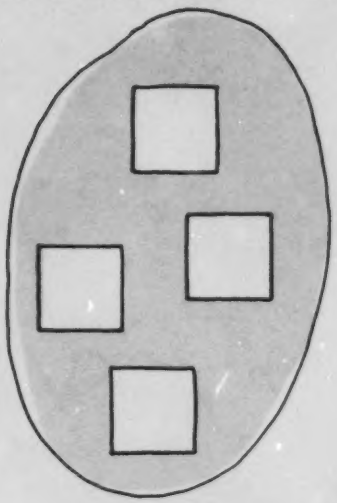
Liga cada um dos elementos do conjunto a um /.

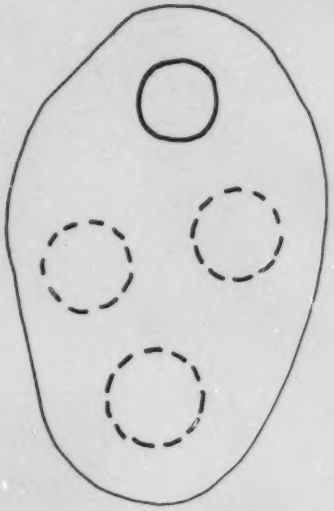


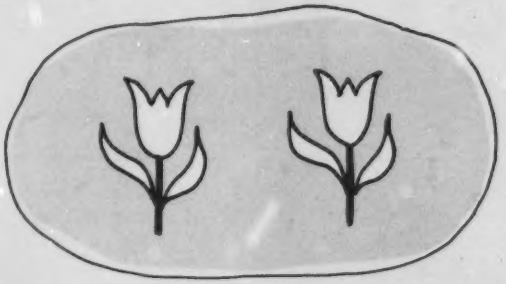
15

Demonstrar pelo processo de correspondência que dois conjuntos são equivalentes.

Completa o conjunto que tem um só elemento para que tenha tantos elementos como o outro.







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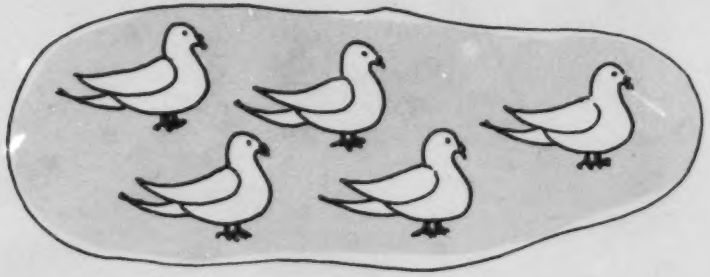

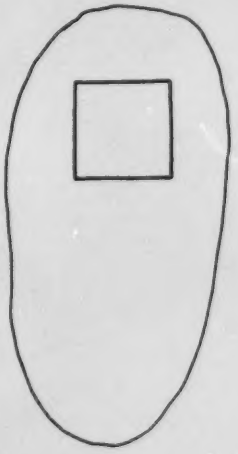

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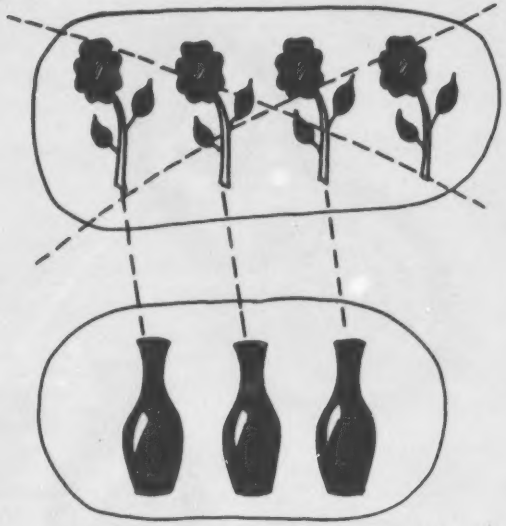
Formar um conjunto equivalente a um dado.

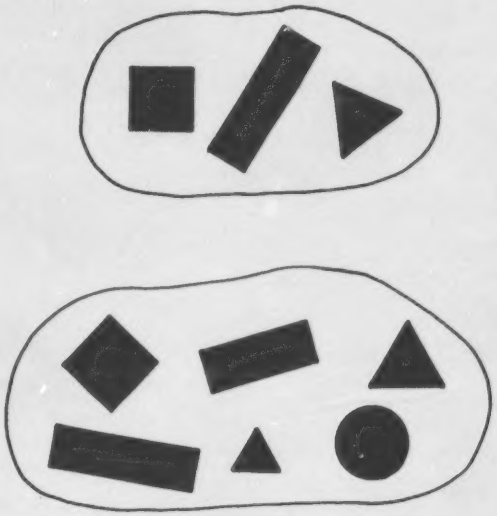
Liga com um traço os conjuntos que têm o mesmo número de elementos.

17

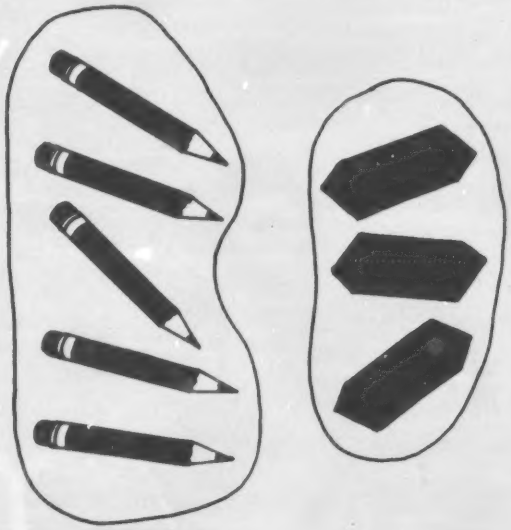
Identificar conjuntos equivalentes.

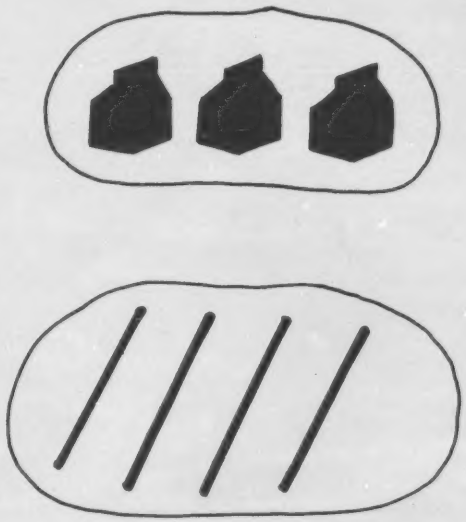
Liga os elementos de um conjunto aos do outro. Faz um X sobre o conjunto que tem mais elementos.





18





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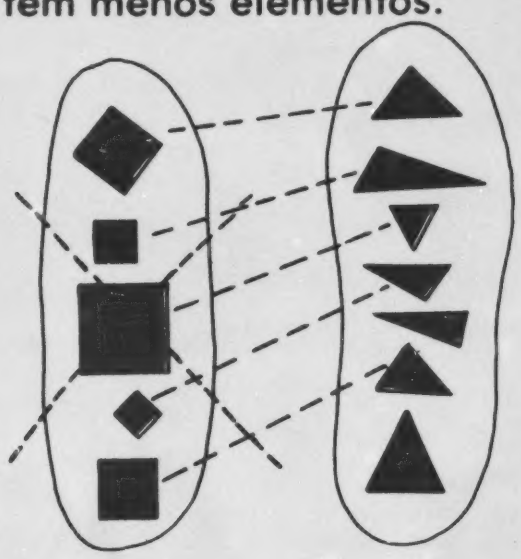
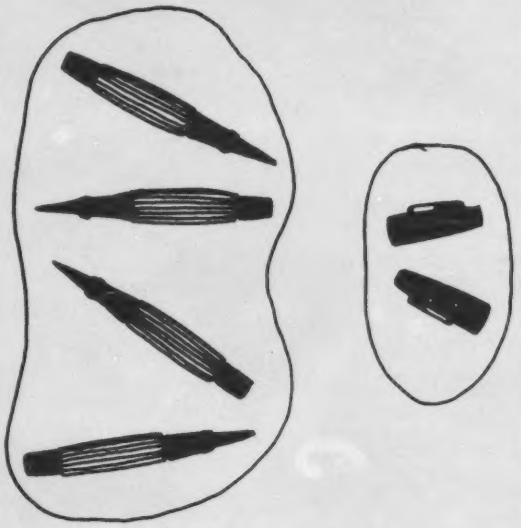
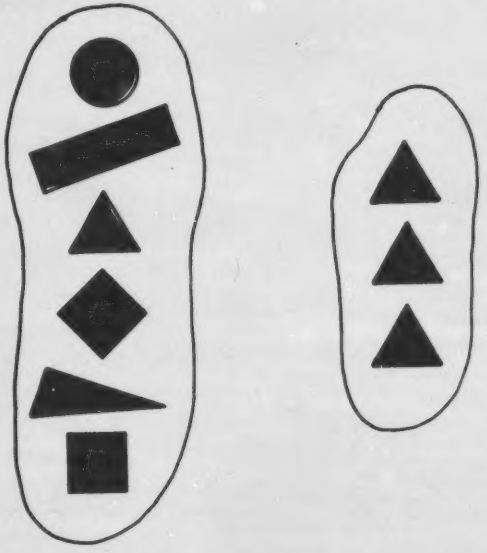
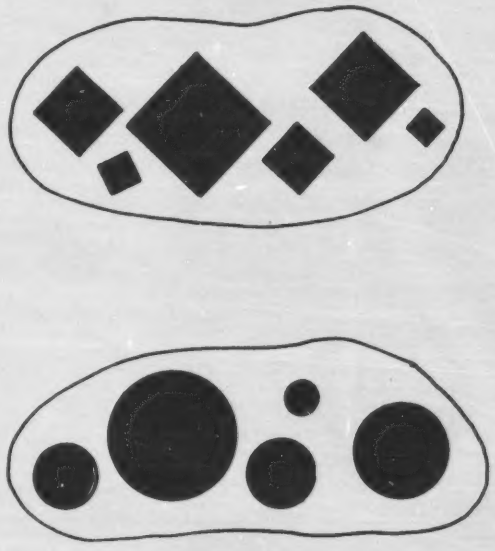
Identificar o conjunto com mais elementos.

Liga os elementos de um conjunto aos do outro. Faz um X sobre o conjunto que tem menos elementos.





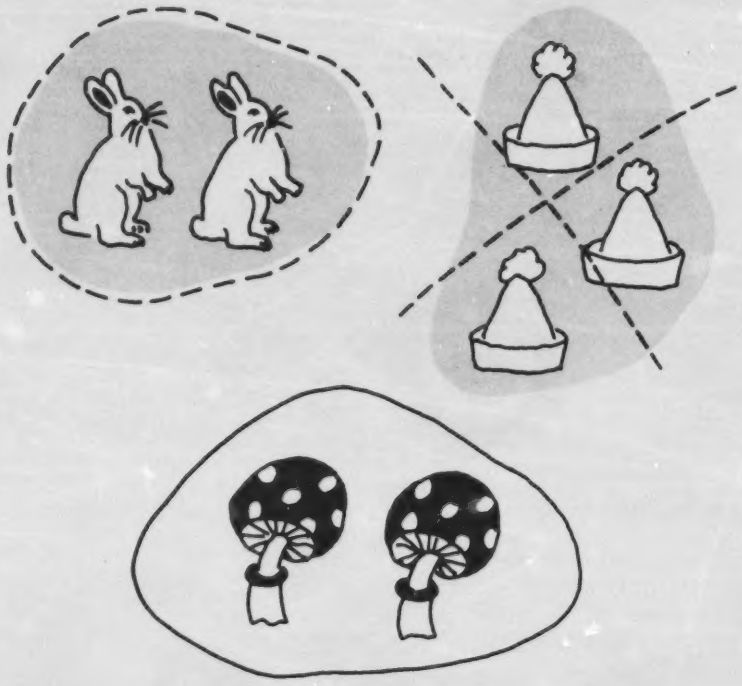


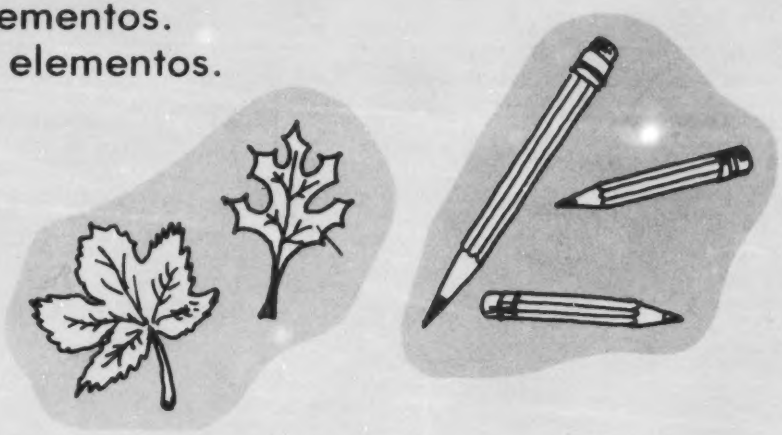


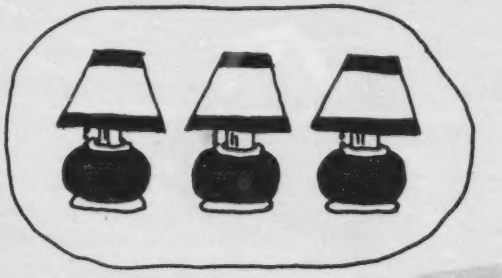
19

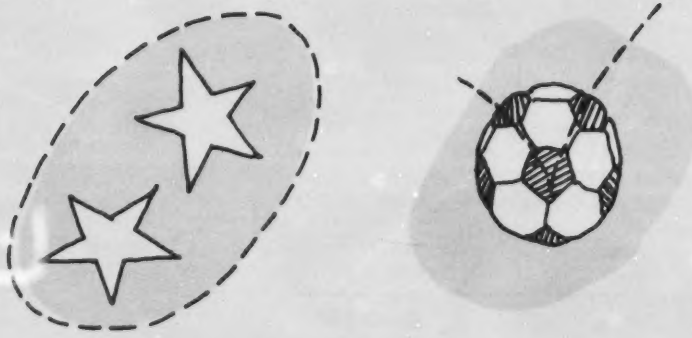
Identificar o conjunto com menos elementos.

Circunda os conjuntos equivalentes ao conjunto ⬭.
Faz um X sobre o conjunto que tem mais elementos.
Faz um ✓ sobre o conjunto que tem menos elementos.









20

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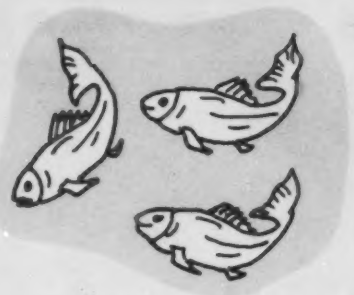
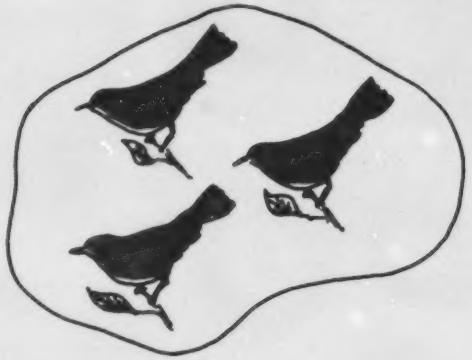
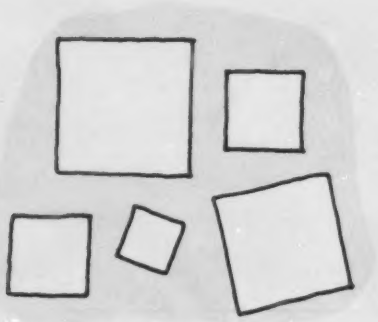
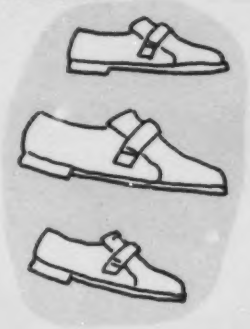
Revisão: Conjuntos equivalentes, conjuntos com mais (menos) elementos.

Circunda os conjuntos equivalentes ao conjunto ⬭.
Faz um X sobre o conjunto que tem mais elementos.
Faz um ✓ sobre o conjunto que tem menos elementos.







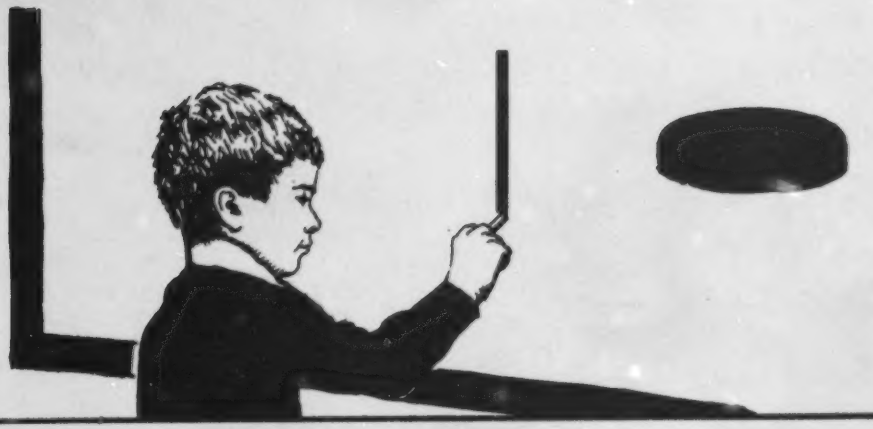


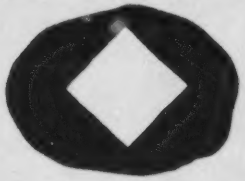
21

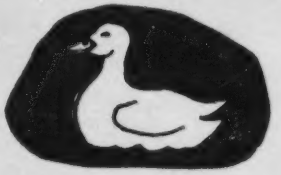
Avaliação: Conjuntos equivalentes, conjuntos com mais (menos) elementos.

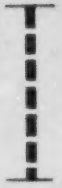
Numeração

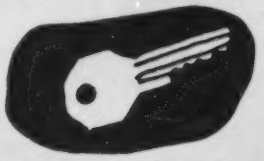
Escreve o numeral *1*.

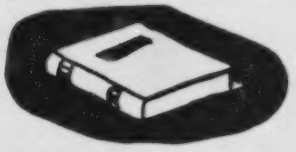












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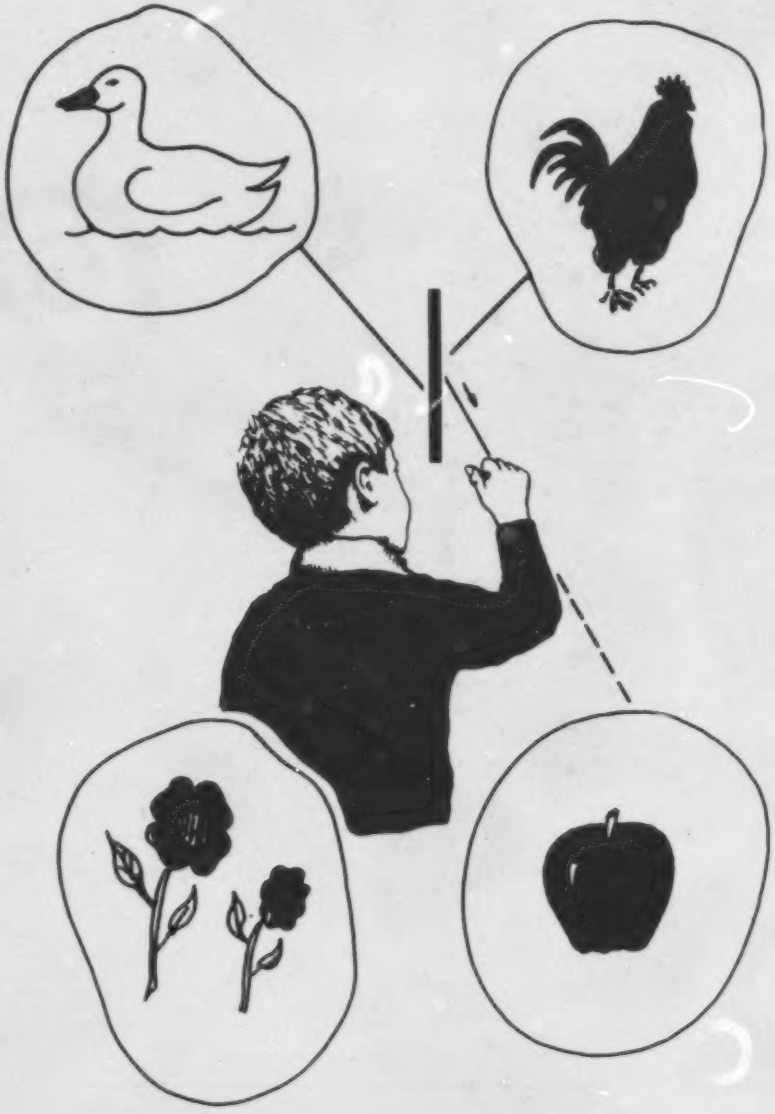
Conjunto de um elemento, o número **um** e o numeral 1.

Faz uma linha do numeral *1* a cada conjunto com um elemento.



23

Associar o numeral 1 com conjuntos de um elemento.

Escreve o numeral *1* e a palavra *um*.

1 um

1 um

1 um

1 um

1 um

1 um

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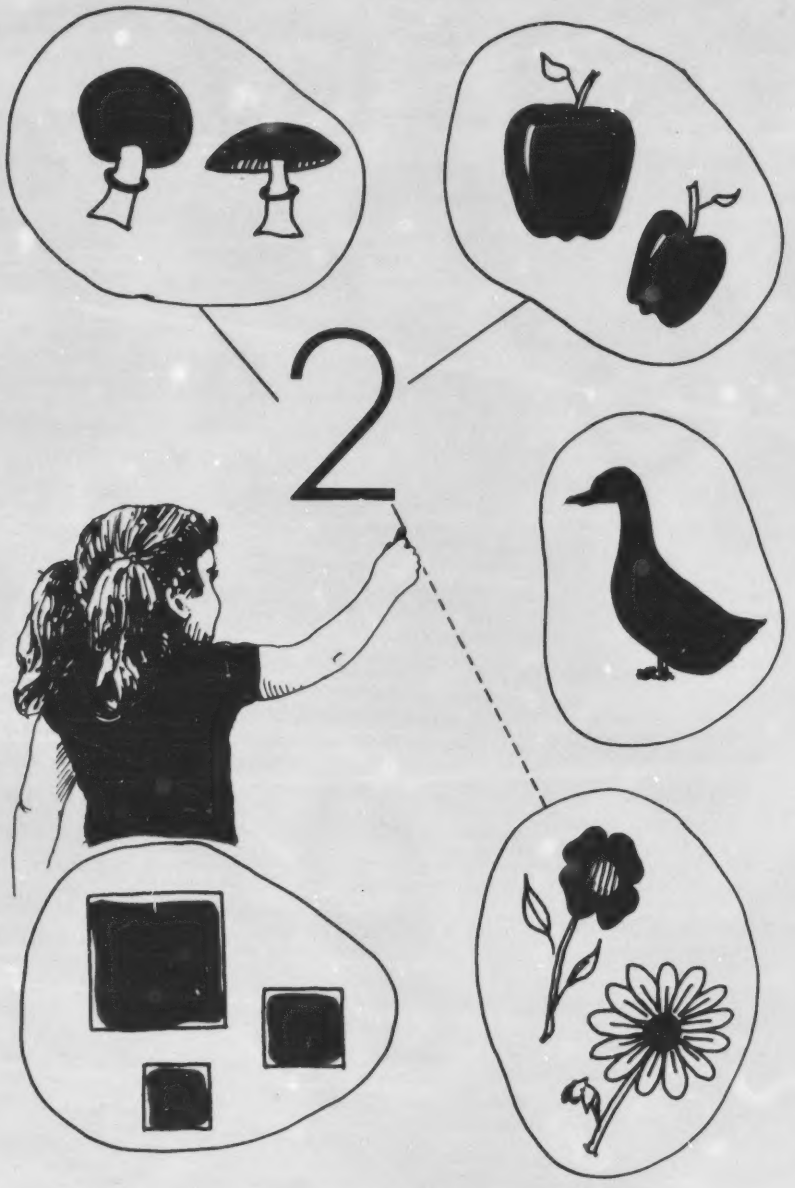
Número **um**, numeral **1** e a palavra **um**.

Escreve o numeral 2.

25

Conjuntos de dois elementos, o número **dois** e o numeral **2**.

Faz uma linha do numeral 2 a cada conjunto com dois elementos.



26

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Associar o numeral **2** com conjuntos de dois elementos.

Escreve o numeral 2 e a palavra *dois*.

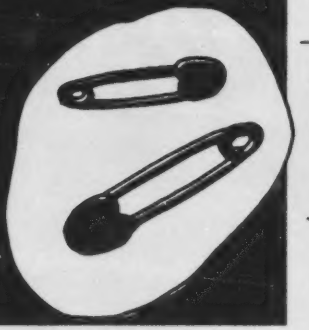
2 dois

2 dois

dois

dois

dois

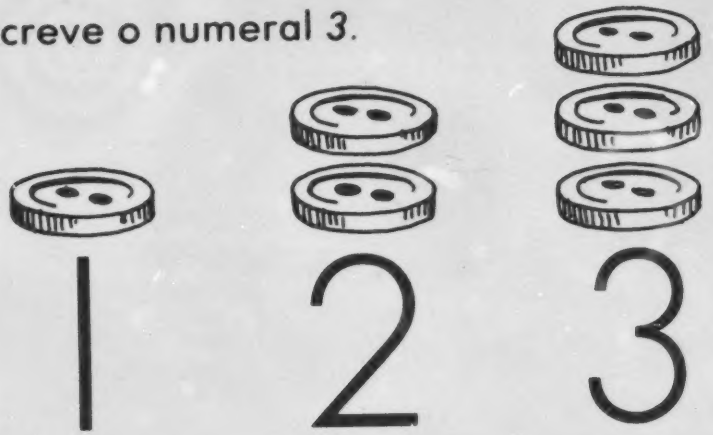


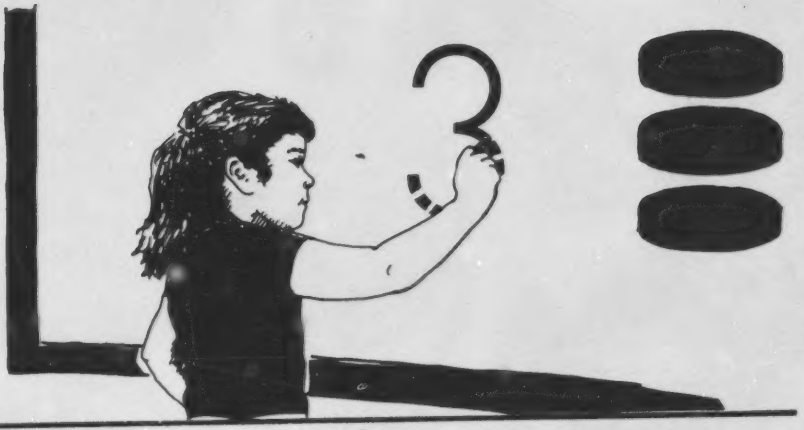
dois

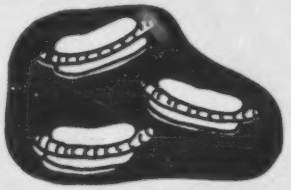
27

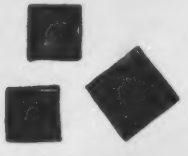
Número **dois**, *numeral* **2** *e a palavra* **dois**.

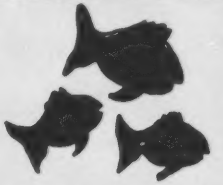
Escreve o numeral *3*.

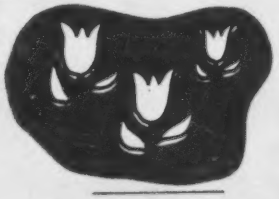


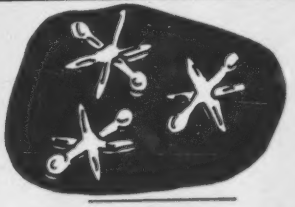


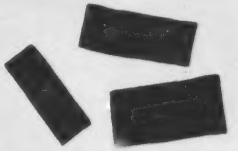


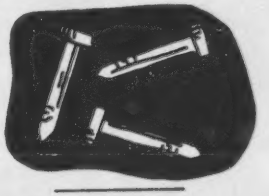












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Conjunto de três elementos, o número **três** e o numeral **3**.

Faz uma linha do numeral *3* a cada conjunto com três elementos.

Associar o numeral **3** com conjuntos de três elementos.

Escreve o numeral *3* e a palavra *três*.

3

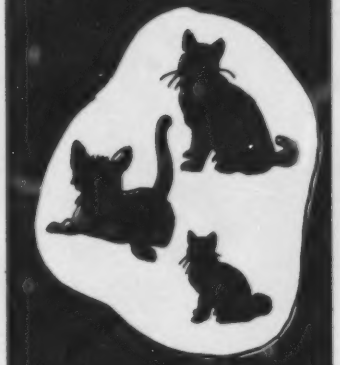
três

3

três

três

três



três

três

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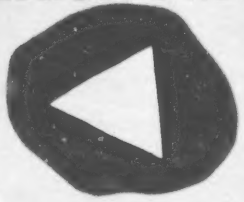
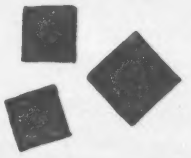
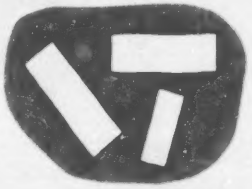
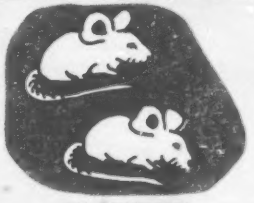
Número **três**, numeral **3** e a palavra **três**.

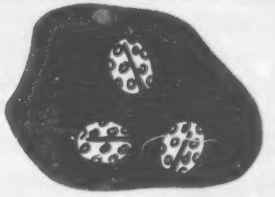
Escreve o numeral que representa o número de objectos em cada conjunto.

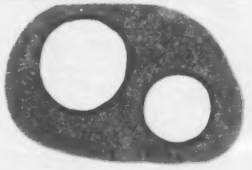
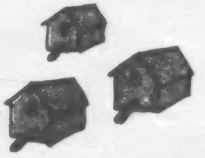
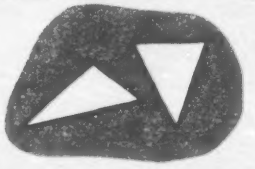










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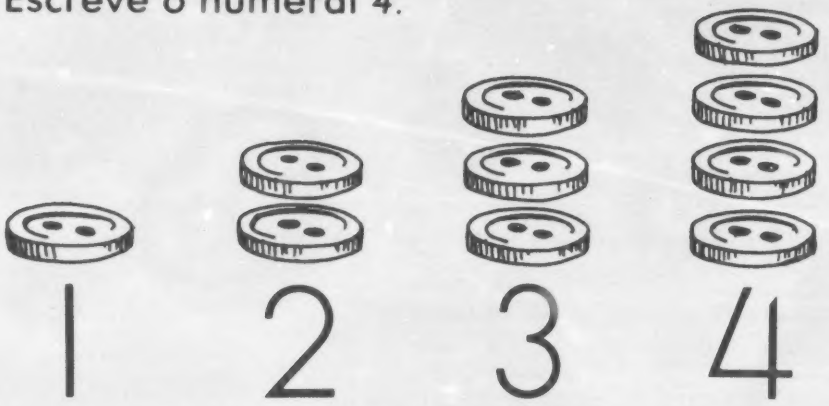
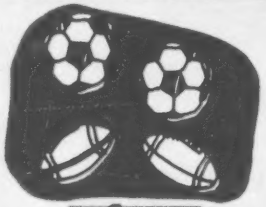
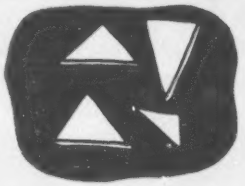
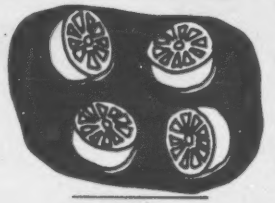
Revisão: conjuntos, números um, dois, três e numerais 1, 2, 3.

Escreve o numeral 4.

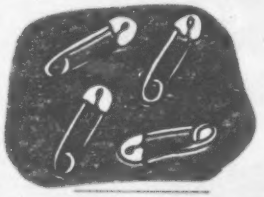


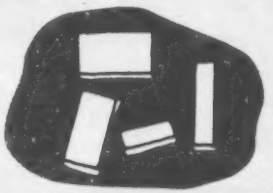






4 4





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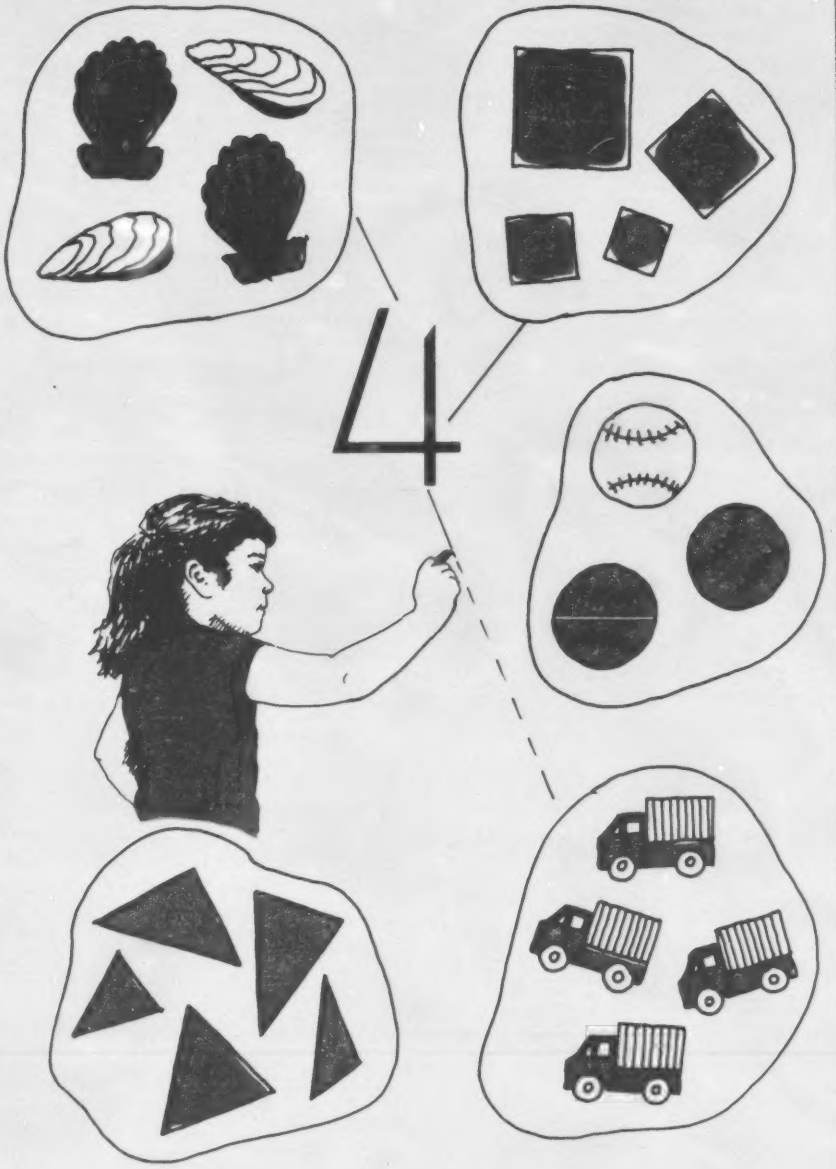
Conjunto de quatro elementos, o número **quatro** e o numeral **4**.

Faz uma linha do numeral 4 a cada conjunto com quatro elementos.



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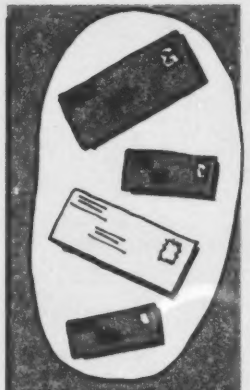
Associar o numeral **4** com conjuntos de quatro elementos.

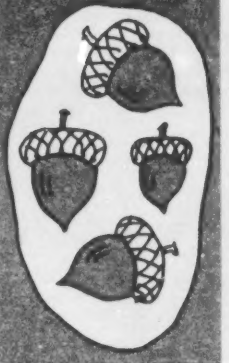
Escreve o numeral 4 e a palavra *quatro*.

4 quatro

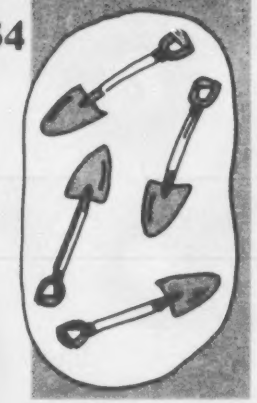


quatro

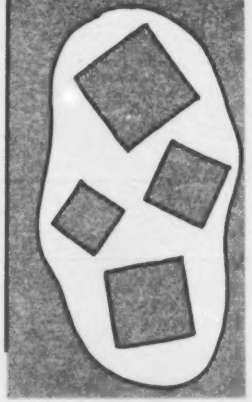
4 quatro



quatro



quatro



quatro

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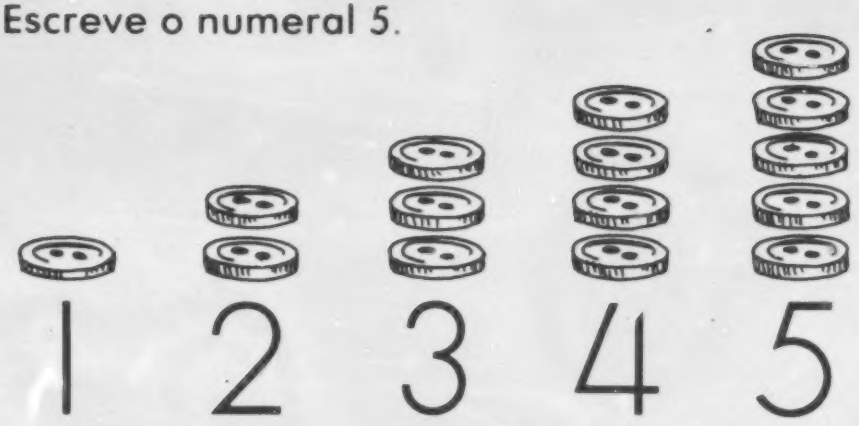
Número **quatro**, numeral **4** e a palavra **quatro**.

Escreve o numeral 5.



5 5 5

Conjunto de cinco elementos, o número **cinco** e o numeral **5**.

Faz uma linha do numeral 5 a cada conjunto com cinco elementos.

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Associar o numeral **5** com conjuntos de cinco elementos.

Escreve o numeral 5 e a palavra *cinco*.

5 cinco

5 cinco

cinco

cinco

cinco

cinco

Liga cada conjunto ao numeral e à palavra que representam o número de elementos.

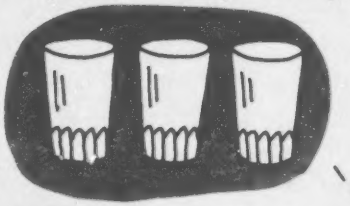
1

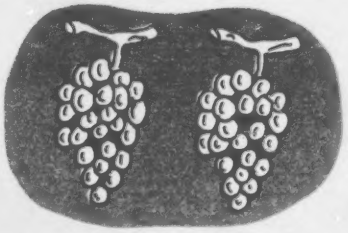
2

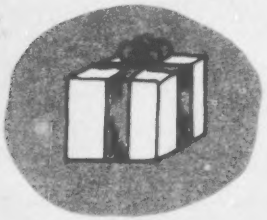
3

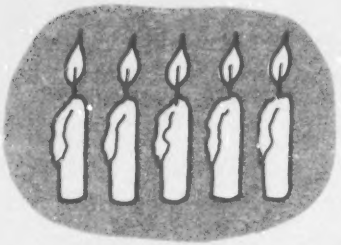
4

5









um

dois

três

quatro

cinco

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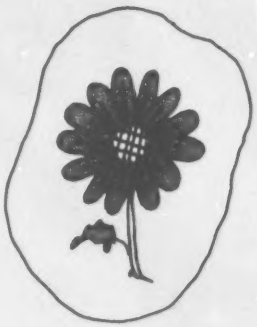
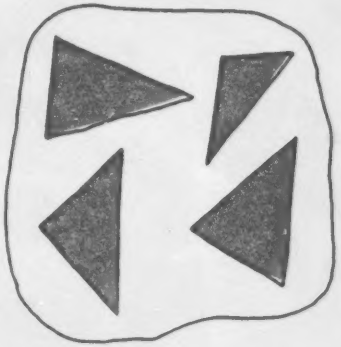
Revisão: Conjuntos, números e numerais de 1-5.

Faz um ◯ à volta do numeral que representa o número de elementos em cada conjunto.

2 3 4

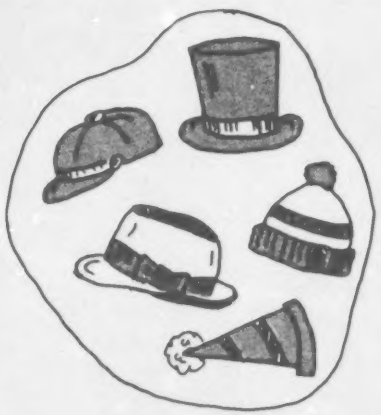


1 2 3

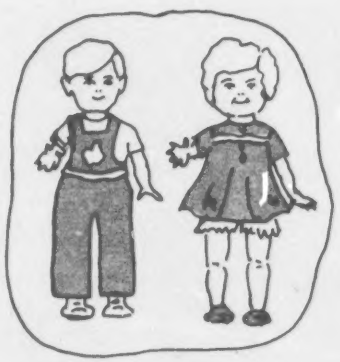


3 4 5

1 2 3

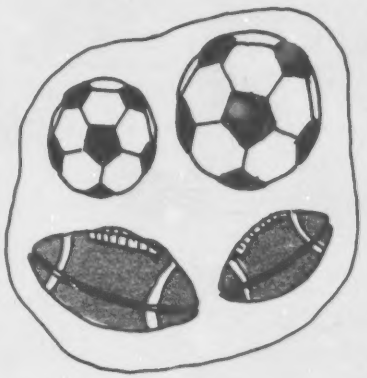


3 4 5



2 3 4

1 2 3



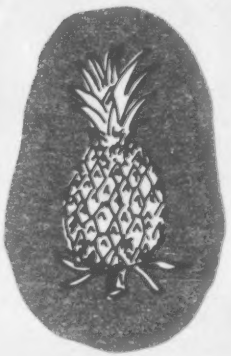
3 4 5

39

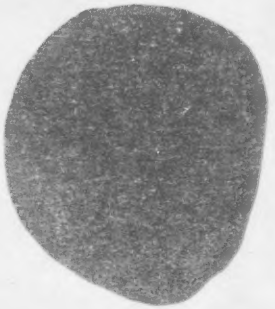
Escreve o numeral correspondente ao número de elementos em cada conjunto.

3

2

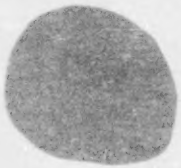


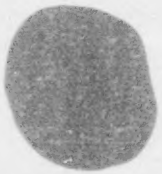
1

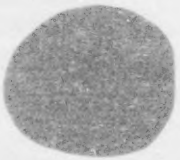


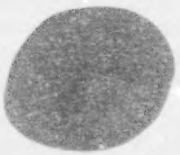
0

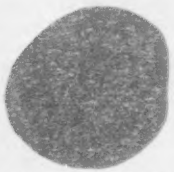
40

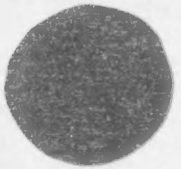












87

Conjunto vazio, número **zero** e o numeral **0**.

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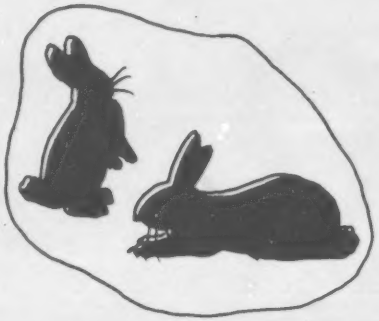
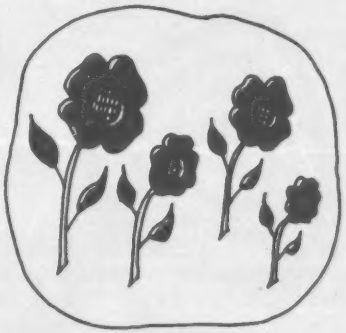
Faz um ◯ à volta do numeral que representa o número de elementos em cada conjunto.

0 (1) 2



2 3 4

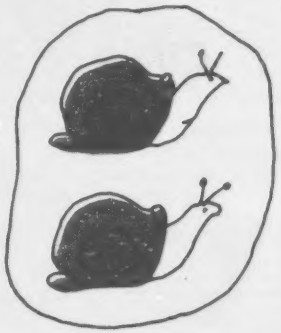
0 4 5



3 4 5

2 3 4

4 5 0

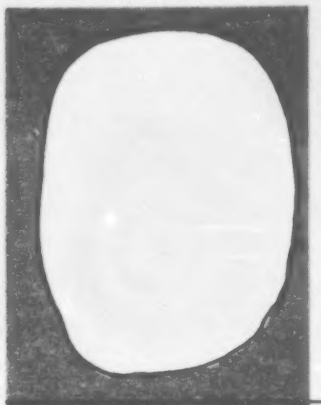


1 2 3

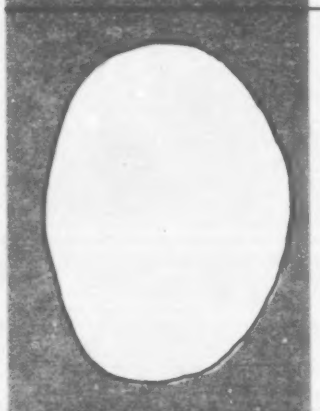
2 1 0

Associar o numeral **0** com conjuntos de zero elementos.

Escreve o numeral *0* e a palavra *zero*.

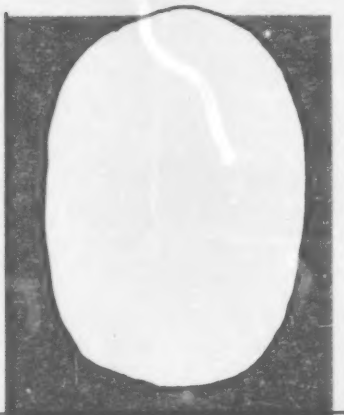


0 zero



0 zero

zero



zero

zero

zero

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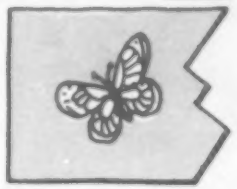
Número **zero**, numeral **0** e a palavra **zero**.

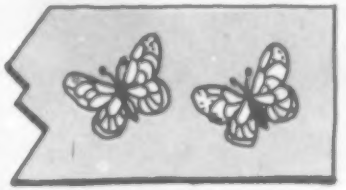
Escreve o numeral que falta para completar a ordem.

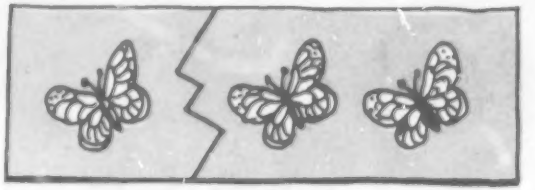
0 1 2	2 3 ☐	3 ☐ 5
☐ 2 3	0 ☐ 2	☐ 3 4
3 4 ☐	2 ☐ 4	☐ 4 5
1 ☐ 3	☐ 1 2	1 2 ☐

Adição

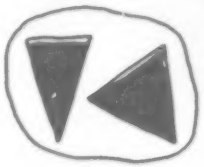
Escreve no ☐ o número de elementos em cada conjunto.

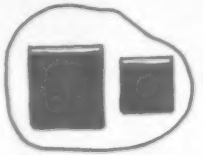


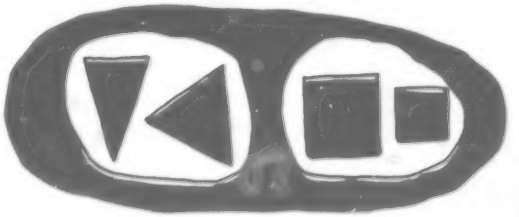




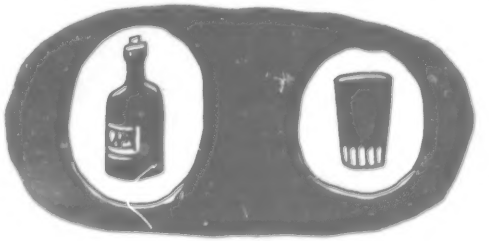
1 2 1 + 2 = 3







2 2 2 + 2 = 4



☐ ☐ 1 + 1 = ☐

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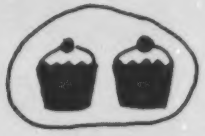
Relacionar adição com a união de dois conjuntos.

Escreve no ☐ o número de elementos em cada conjunto.



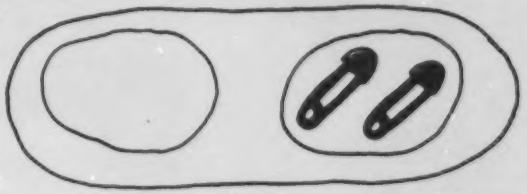
2

3

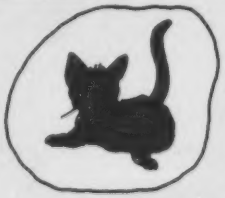
2 + 3 = 5

☐

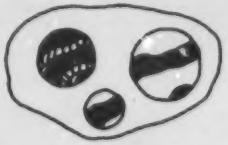
☐



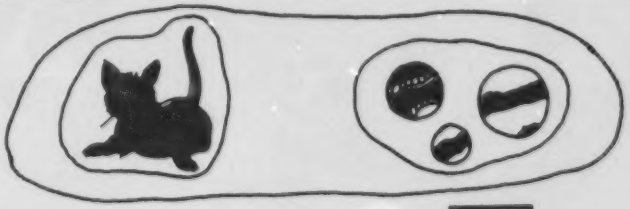
0 + 2 = ☐



☐



☐



1 + 3 = ☐

☐

☐

4 + 1 = ☐

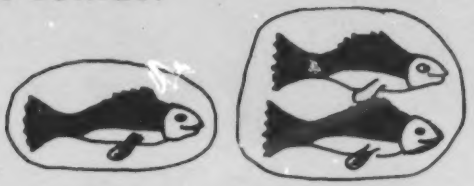
45

Relacionar adição com a união de dois conjuntos.

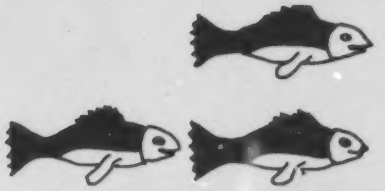
S7

S8

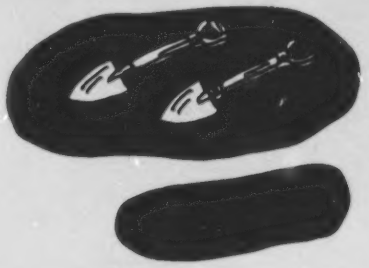
Faz as somas.



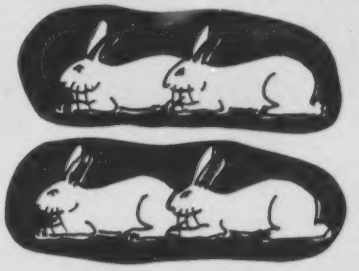
1 + 2 = 3



$$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$$

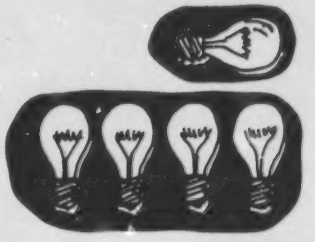


$$\begin{array}{r} 2 \\ +0 \\ \hline \end{array}$$

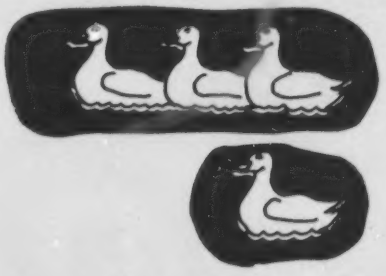


$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$$



$$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$$



$$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +5 \\ \hline \end{array}$$

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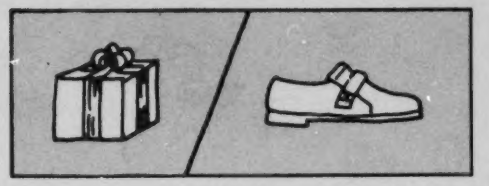
Soma.

3	2	1	0	2
+1	+0	+4	+2	+2
4				
1	5	2	3	4
+1	+0	+1	+2	+0
3	4	0	2	0
+0	+1	+4	+3	+1

Adicionar, em coluna, 0-5

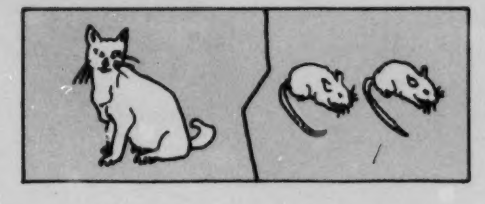
Escreve no ☐ o numeral que falta.



$1 + 1 = \square$

$1 + \square = 2$

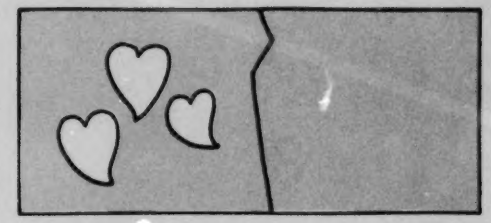
$\square + 1 = 2$



$1 + 2 = \square$

$1 + \square = 3$

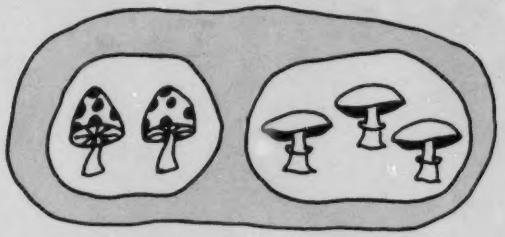
$\square + 2 = 3$



$3 + 0 = \square$

$3 + \square = 3$

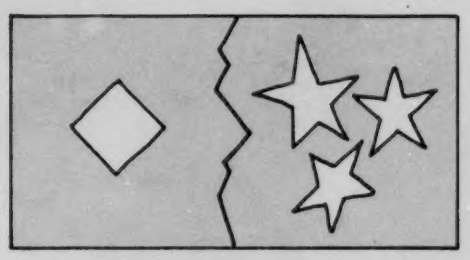
$\square + 0 = 3$



$2 + 3 = \square$

$2 + \square = 5$

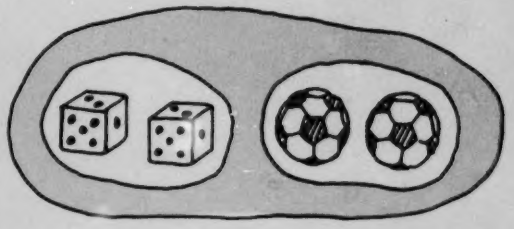
$\square + 3 = 5$



$1 + 3 = \square$

$1 + \square = 4$

$\square + 3 = 4$



$2 + 2 = \square$

$2 + \square = 4$

$\square + 2 = 4$

48

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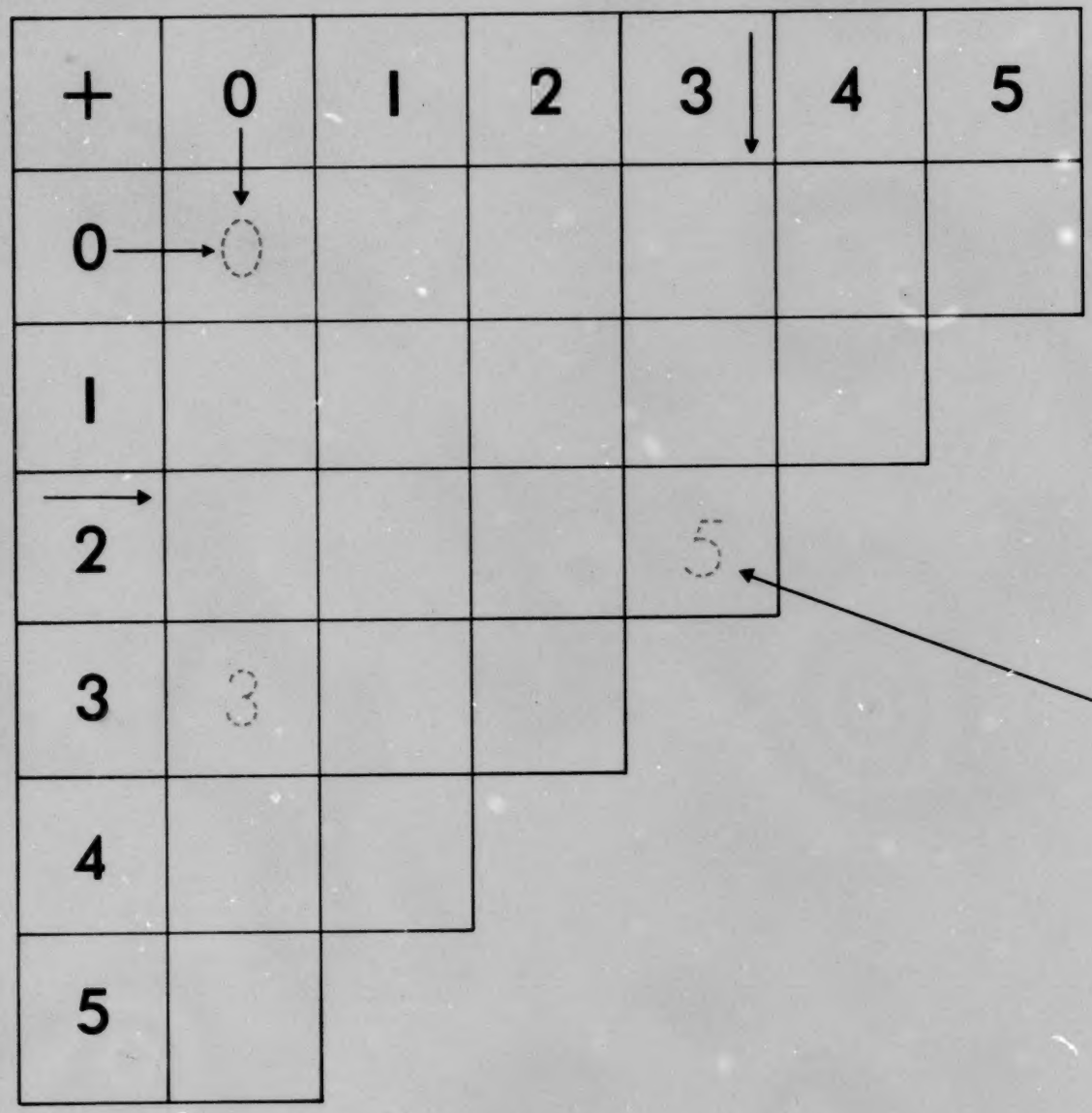
Resolver equações de adição de 0-5.

Completa a tábua de adição.



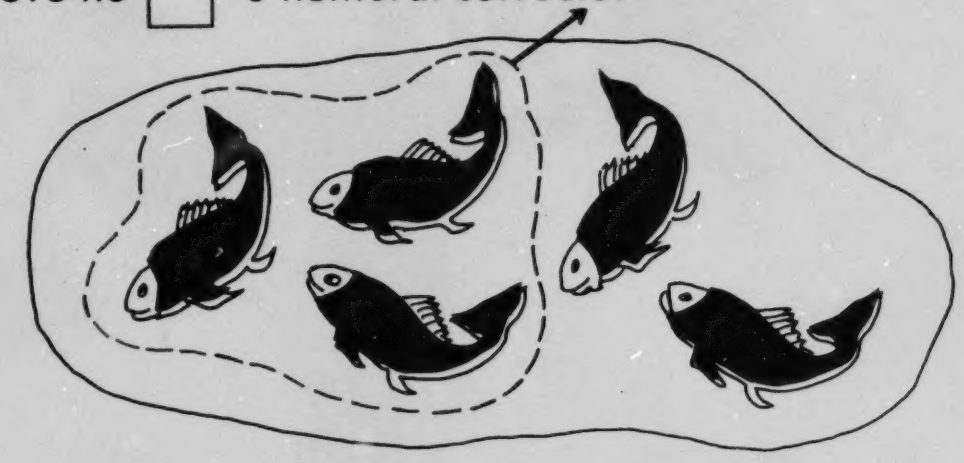
$$\begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array}$$

49

Tábua de adição de 0-5.

Subtracção

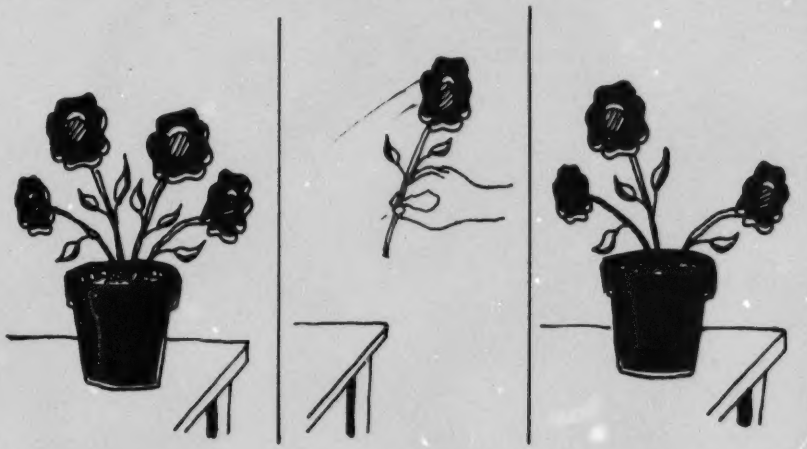
Escreve no ☐ o numeral correcto.



5 menos 3 é igual a 2

5 − 3 = 2

3 − 1 = ☐



4 − 1 = ☐

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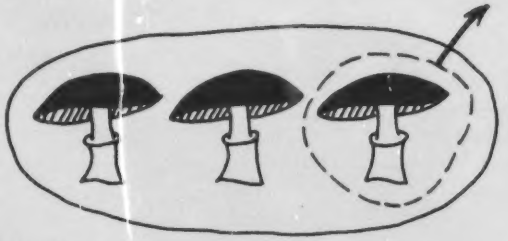
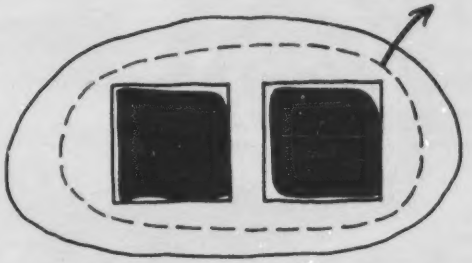
Identificar a diferença como um subconjunto.

Escreve no ☐ o numeral correcto.

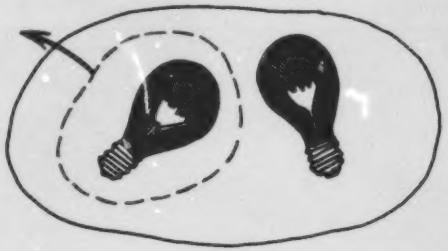
4 − 1 = 3



3 − 1 = ☐



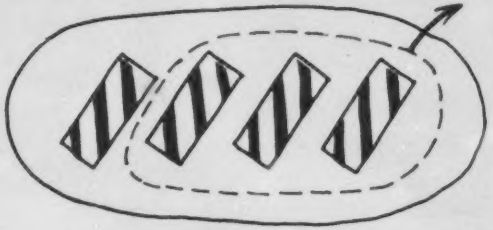
2 − 2 = ☐



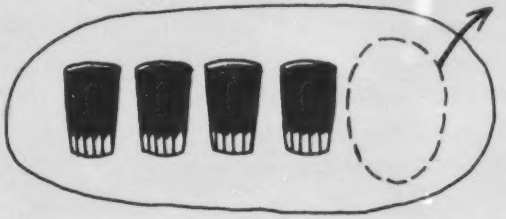
2 − 1 = ☐

3 − 2 = ☐

5 − 2 = ☐



4 − 3 = ☐



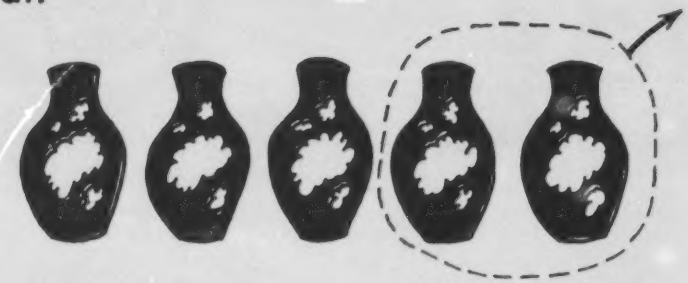
4 − 0 = ☐

5 − 4 = ☐

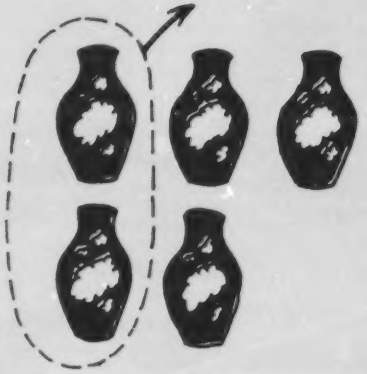
51

Identificar a diferença como um subconjunto.

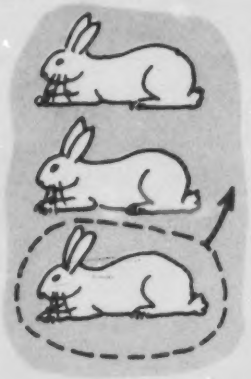
Subtrai.



$5-2=3$



$$\begin{array}{r} 5 \\ -2 \\ \hline 3 \end{array}$$



$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$$

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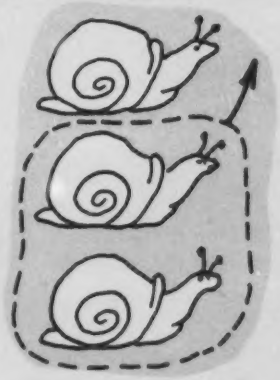
$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -1 \\ \hline \end{array}$$



$$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

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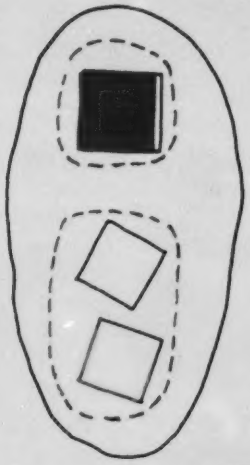
Subtrair os números de 0-5.

Subtrai.

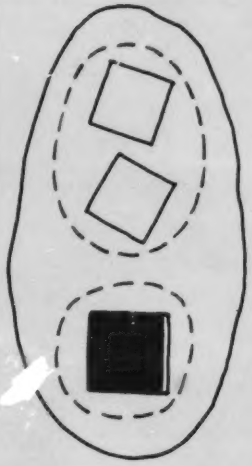
5	4	2	3	1
−2	−1	−1	−2	−1
3				
4	3	5	2	4
−3	−3	−4	−2	−2
2	3	5	4	5
−0	−1	−3	−4	−0

Calcular a diferença de uma subtracção (5 ou menos).

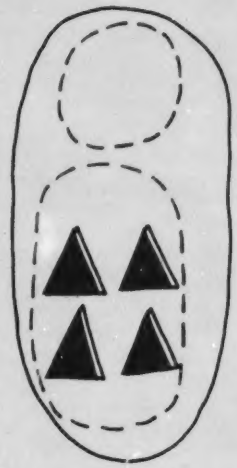
Escreve no ☐ o numeral correcto.



1 + 2 = 3



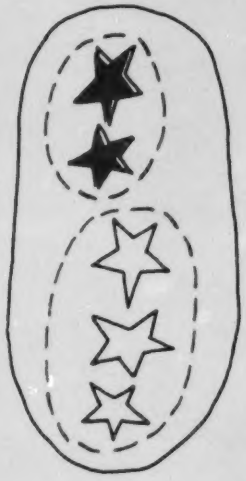
2 + 1 = 3



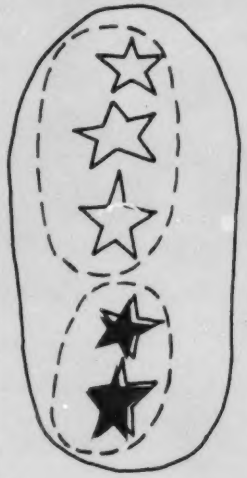
0 + 4 = ☐

4 + 0 = ☐

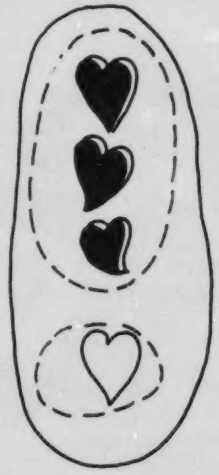
54



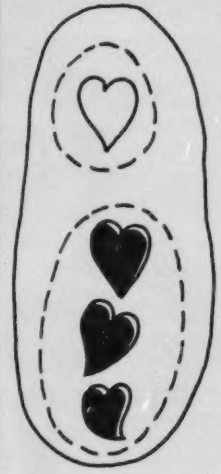
2 + 3 = ☐



3 + 2 = ☐



3 + 1 = ☐



1 + 3 = ☐

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Reconhecer e aplicar a propriedade comutativa da adição.

Faz as adições seguintes:

4 +1	1 +4	0 +3	3 +0
3 +1	1 +3	1 +2	2 +1
0 +2	2 +0	2 +3	3 +2

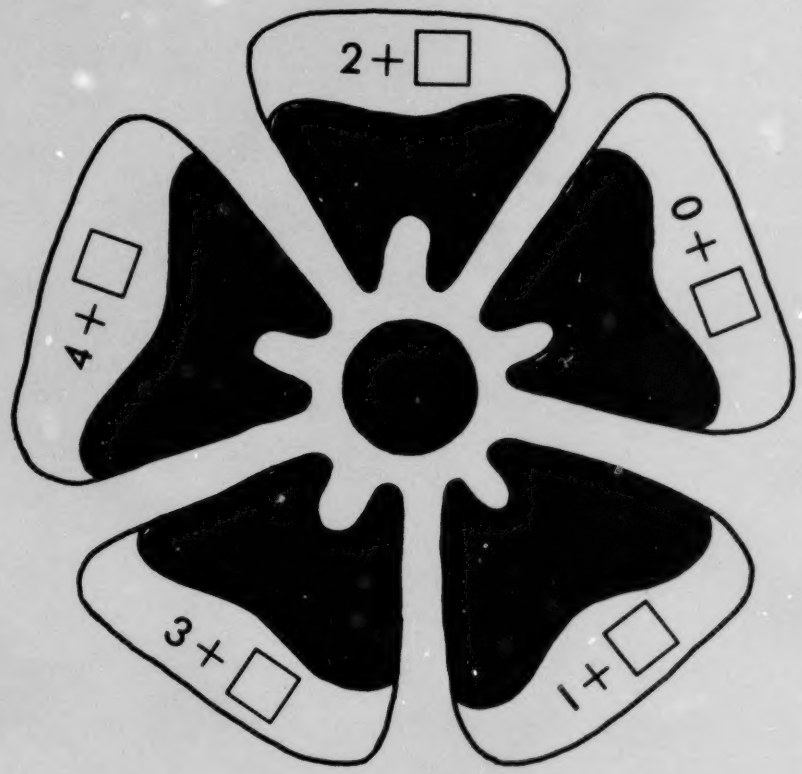
Aplicar a propriedade comutativa

Escreve no ☐ o numeral que falta.

$$\begin{array}{r} 3 \\ +1 \\ \hline \square \end{array} \qquad \begin{array}{r} 4 \\ +0 \\ \hline \square \end{array}$$

$$\begin{array}{r} 0 \\ +4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 1 \\ +3 \\ \hline \square \end{array} \qquad \begin{array}{r} 2 \\ +2 \\ \hline \square \end{array}$$



$$4 + 0 = \square$$
$$3 + 1 = \square$$
$$3 + \square = 4$$
$$2 + 2 = \square$$
$$\square + 1 = 4$$
$$0 + \square = 4$$
$$2 + \square = 4$$
$$\square + 4 = 4$$
$$\square + 1 = 4$$
$$1 + \square = 4$$

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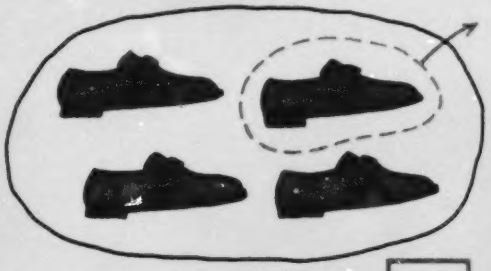
Adições cuja soma seja quatro.

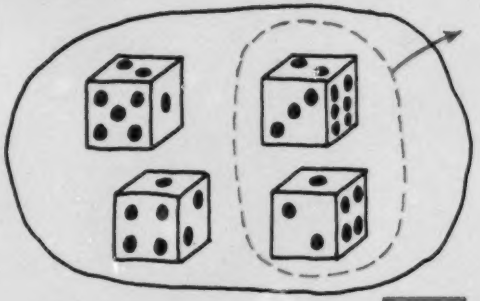
Escreve no ☐ o numeral que falta.



$4 - 1 = \square$

$4 - \square = 3$

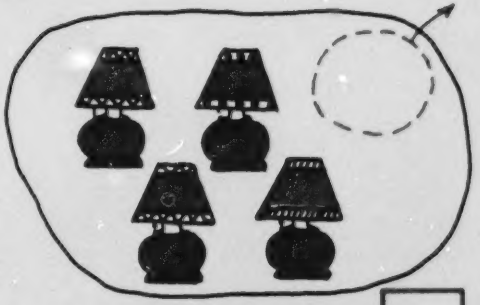
$\square - 1 = 3$



$4 - 2 = \square$

$4 - \square = 2$

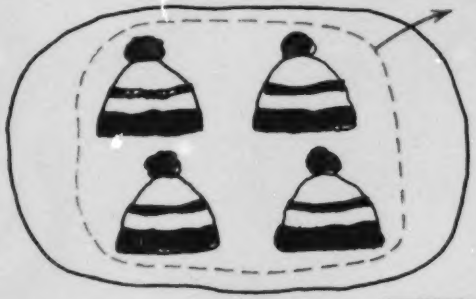
$\square - 2 = 2$



$4 - 0 = \square$

$4 - \square = 4$

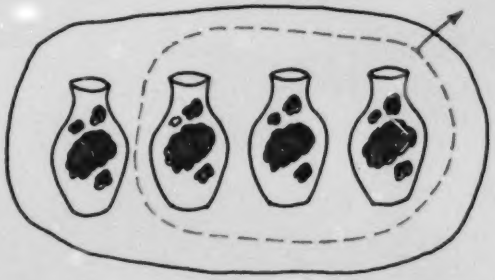
$\square - 0 = 4$



$4 - 4 = \square$

$4 - \square = 0$

$\square - 4 = 0$



$4 - 3 = \square$

$4 - \square = 1$

$\square - 3 = 1$

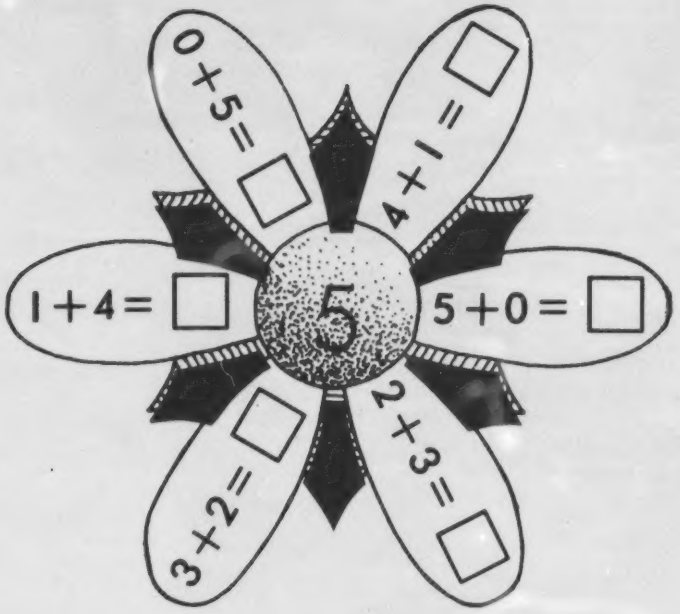
Completar equações relacionadas com subtracções cujo aditivo seja 4.

Escreve no □ o numeral que falta.

$$\begin{array}{r} 3 \\ +2 \\ \hline \square \end{array} \qquad \begin{array}{r} 4 \\ +1 \\ \hline \square \end{array}$$

$$\begin{array}{r} 5 \\ +0 \\ \hline \square \end{array} \qquad \begin{array}{r} 2 \\ +3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 1 \\ +4 \\ \hline \square \end{array} \qquad \begin{array}{r} 0 \\ +5 \\ \hline \square \end{array}$$



$$3 + \square = 5$$

$$4 + 1 = \square$$

$$\square + 3 = 5$$

$$4 + \square = 5$$

$$5 + 0 = \square$$

$$1 + \square = 5$$

$$\square + 2 = 5$$

$$\square + 0 = 5$$

$$2 + 3 = \square$$

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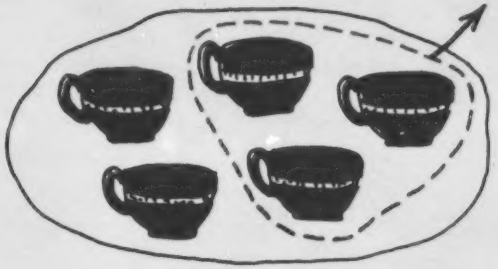
Adições cuja soma seja cinco.

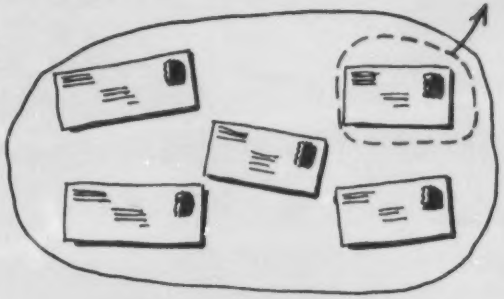
Escreve no ☐ o numeral que falta.



$5 - 3 = \square$

$5 - \square = 2$

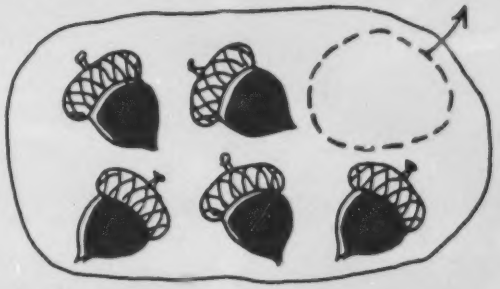
$\square - 3 = 2$



$5 - 1 = \square$

$5 - \square = 4$

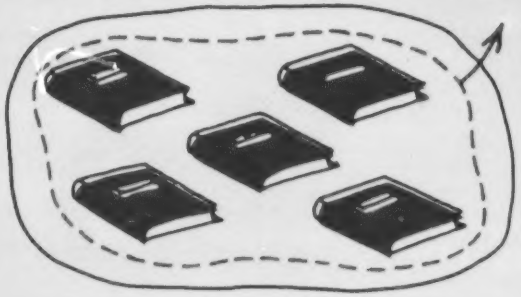
$\square - 1 = 4$



$5 - 0 = \square$

$5 - \square = 5$

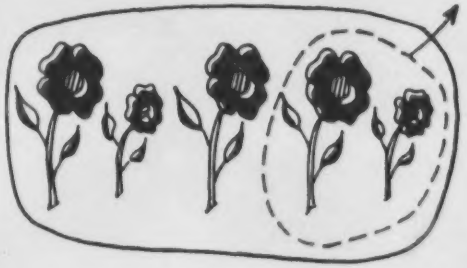
$\square - 0 = 5$



$5 - 5 = \square$

$5 - \square = 0$

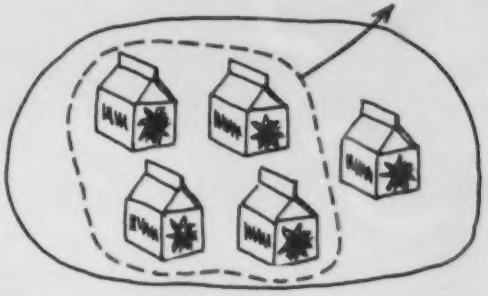
$\square - 5 = 0$



$5 - 2 = \square$

$5 - \square = 3$

$\square - 2 = 3$



$5 - 4 = \square$

$5 - \square = 1$

$\square - 4 = 1$

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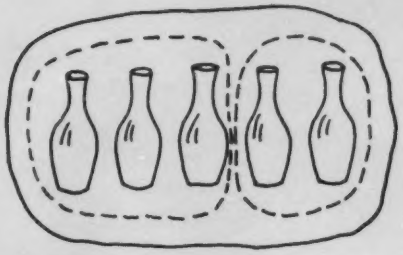
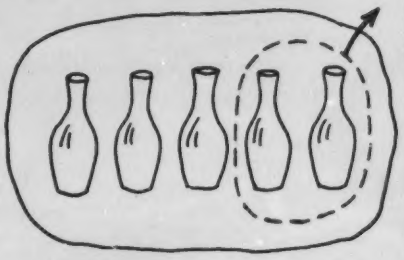
Completar equações relacionadas com subtracções cujo aditivo seja 5.

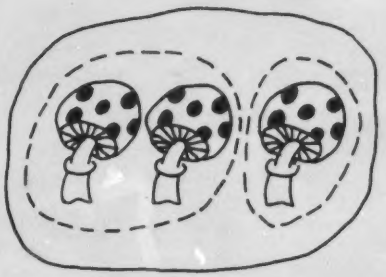
Escreve no ☐ o numeral que falta.



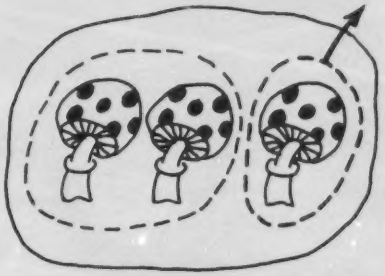
$$\begin{array}{r} 3 \\ +2 \\ \hline \square \end{array}$$



$$\begin{array}{r} 5 \\ -2 \\ \hline \square \end{array}$$



$$\begin{array}{r} 2 \\ +1 \\ \hline \square \end{array}$$



$$\begin{array}{r} 3 \\ -1 \\ \hline \square \end{array}$$

$$\begin{array}{r} 2 \\ +2 \\ \hline \square \end{array} \qquad \begin{array}{r} 4 \\ -2 \\ \hline \square \end{array} \qquad \begin{array}{r} 3 \\ +1 \\ \hline \square \end{array} \qquad \begin{array}{r} 4 \\ -1 \\ \hline \square \end{array} \qquad \begin{array}{r} 2 \\ +3 \\ \hline \square \end{array} \qquad \begin{array}{r} 5 \\ -3 \\ \hline \square \end{array} \qquad \begin{array}{r} 1 \\ +4 \\ \hline \square \end{array} \qquad \begin{array}{r} 5 \\ -4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 1 \\ +1 \\ \hline \square \end{array} \qquad \begin{array}{r} 2 \\ -1 \\ \hline \square \end{array} \qquad \begin{array}{r} 0 \\ +5 \\ \hline \square \end{array} \qquad \begin{array}{r} 5 \\ -5 \\ \hline \square \end{array} \qquad \begin{array}{r} 1 \\ +2 \\ \hline \square \end{array} \qquad \begin{array}{r} 3 \\ -2 \\ \hline \square \end{array} \qquad \begin{array}{r} 3 \\ +0 \\ \hline \square \end{array} \qquad \begin{array}{r} 3 \\ -0 \\ \hline \square \end{array}$$

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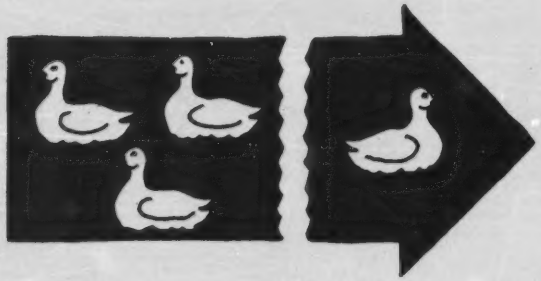
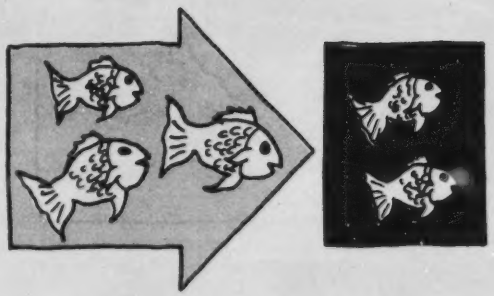
Adição e subtracção são operações inversas.

Circunda a equação correcta.



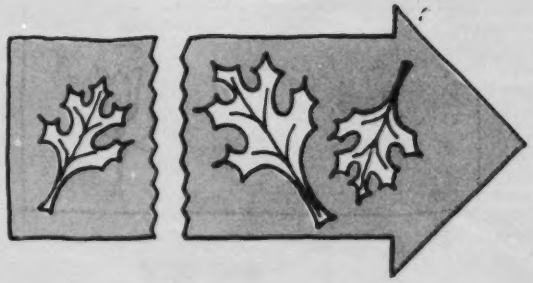
3+1=4

(4−1=3)



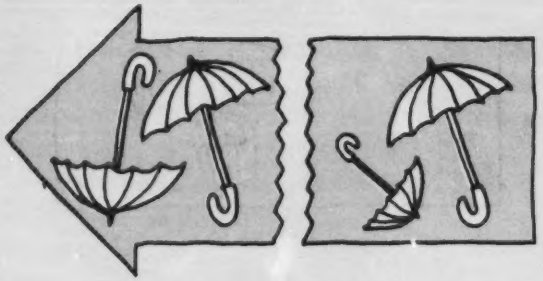
3+2=5

5−2=3



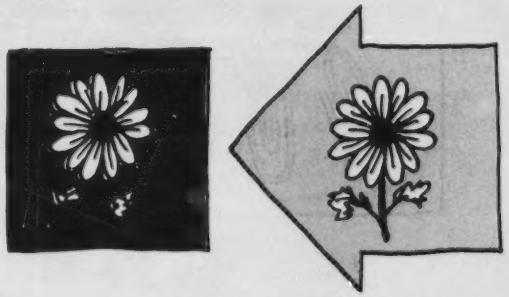
1+2=3

3−2=1



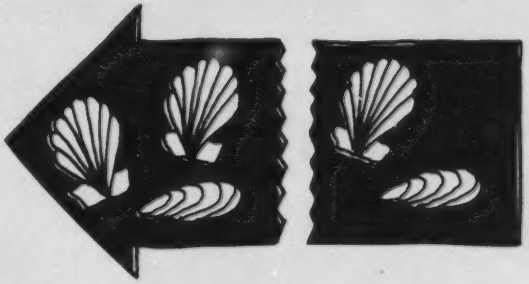
2+2=4

4−2=2



1+1=2

2−1=1



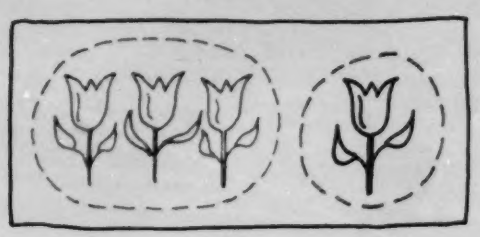
3+2=5

5−3=2

61

Verificar se a gravura indica uma adição ou subtracção.

Escreve no ☐ o numeral que falta.

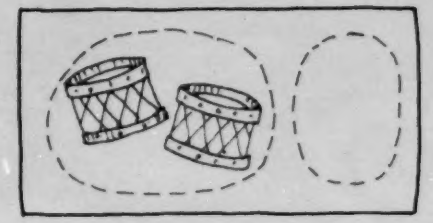


3+☐=4

1+☐=4

4−1=☐

4−3=☐

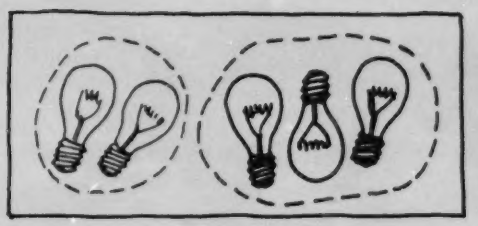


2+0=☐

2+☐=2

☐+0=2

2−0=☐

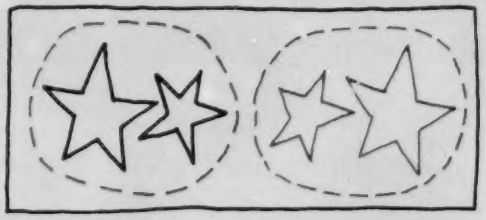


2+☐=5

☐+3=5

5−3=☐

5−2=☐



☐+2=4

2+2=☐

2+☐=4

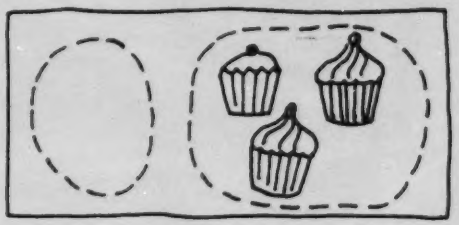
4−2=☐

2+☐=3

☐+2=3

3−2=☐

3−1=☐



0+☐=3

☐+0=3

3−0=☐

3−3=☐

62

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132

Completar equações.

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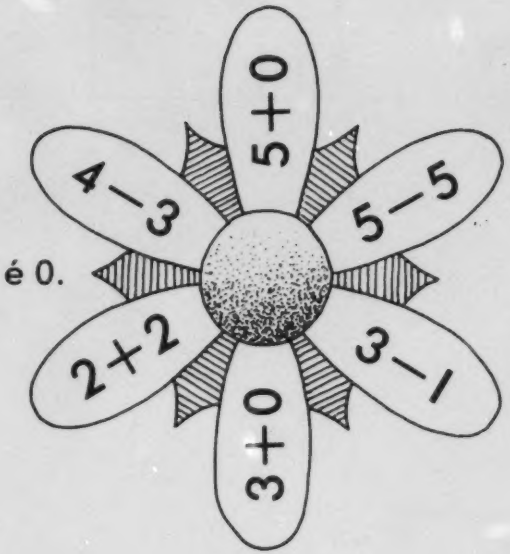
Escreve equações usando os numerais indicados.

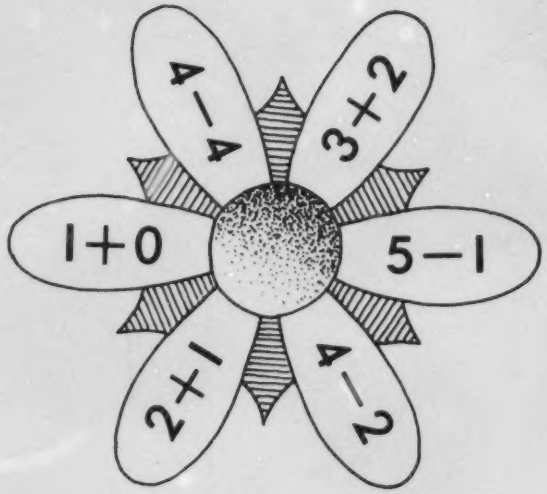
3	2	5	3	1	4	2	0	2
3 + 2 = 5								
2 + 3 = 5								
5 − 2 = 3								
5 − 3 = 2								
2	2	4	1	2	3	4	1	5

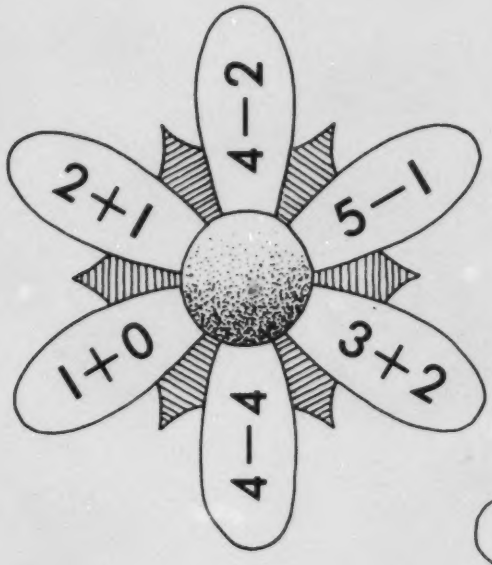
63

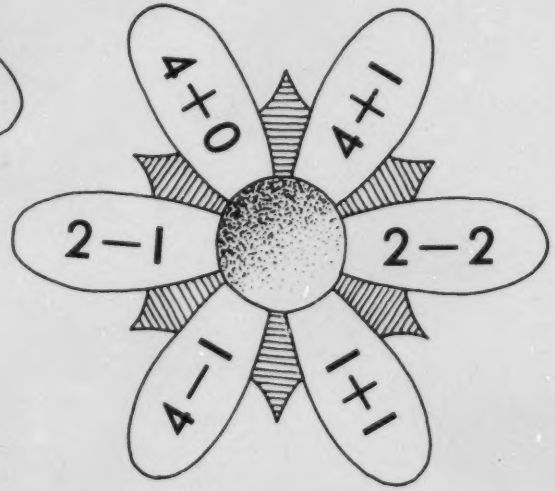
Dados 3 números, entre 0 e 5, formar 4 equações com eles.

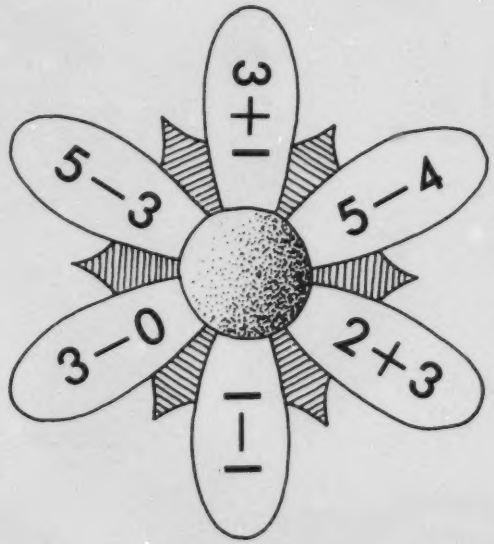
Pinta os espaços de:
Verde, se o resultado é 5.
Azul, se o resultado é 4.
Amarelo, se o resultado é 3.
Vermelho, se o resultado é 2.
Castanho, se o resultado é 1.
Cor-de-laranja, se o resultado é 0.











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Revisão: Adição e subtracção (0-5).

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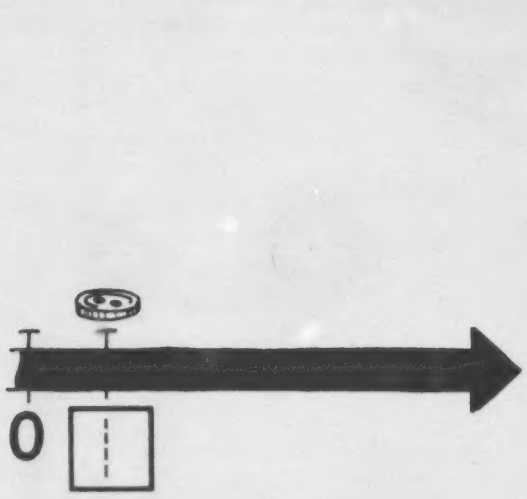
Circunda as expressões que representam o numeral indicado.

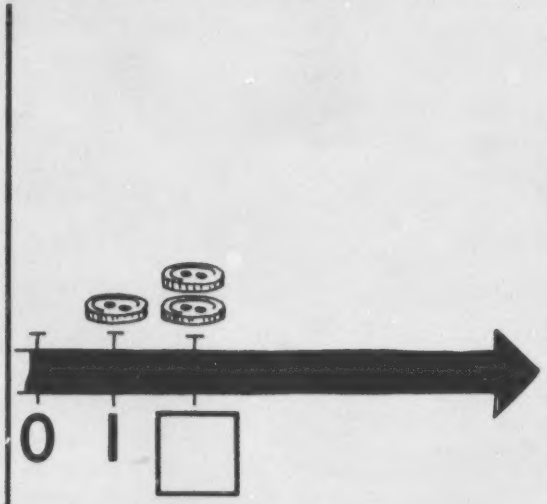
5	0	3	1
(3+2)	3−1	1+2	1+0
5−2	4−4	3+0	2+1
4+0	2−1	4+1	5−4
(4+1)	5−5	5−2	4−2

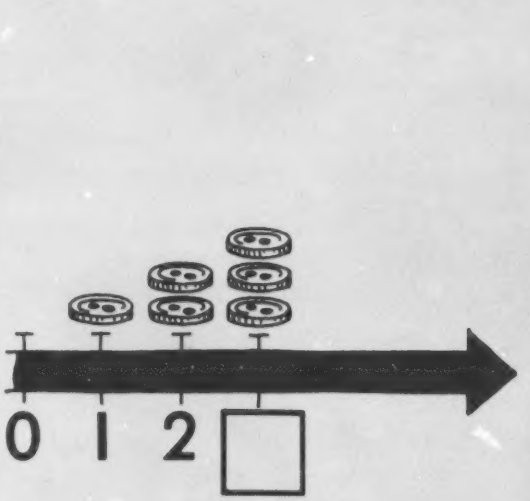
2	4	5	3
3−1	3+1	2+2	5−3
4+0	4+0	5−0	4−1
5−3	5−1	1+4	2+1
2+1	2−2	2+1	3−3

Linha numerada

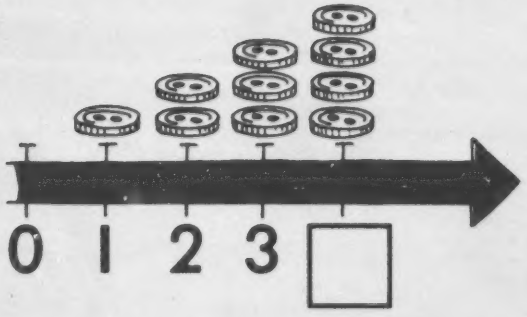
Escreve o numeral que indica o número de 🪙's começando por 0.

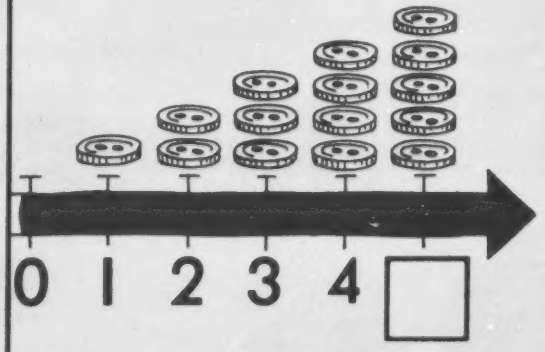


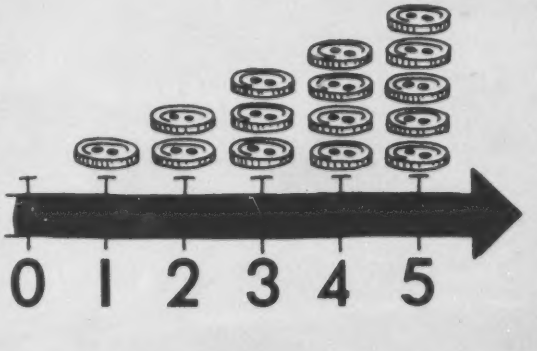




66







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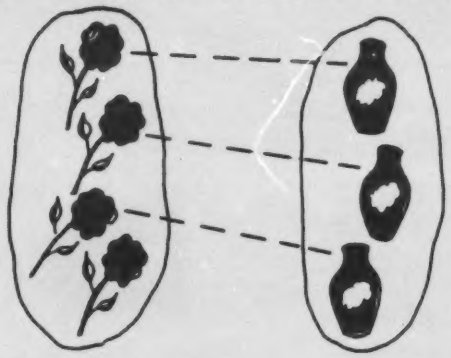
Associar os números de 0-5 com a linha numerada.

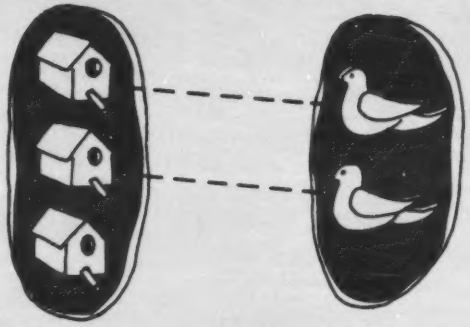
Maior do que

Liga os elementos de um conjunto aos do outro. Escreve na ____ o numeral correcto.



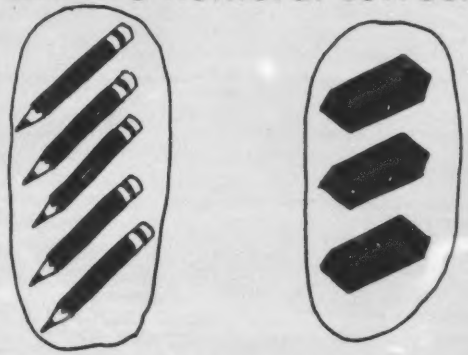
4 é maior do que 3

4 > 3

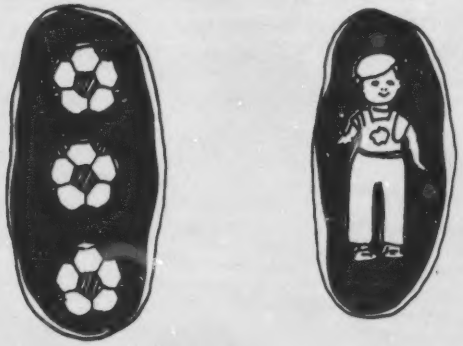


____ é maior do que ____

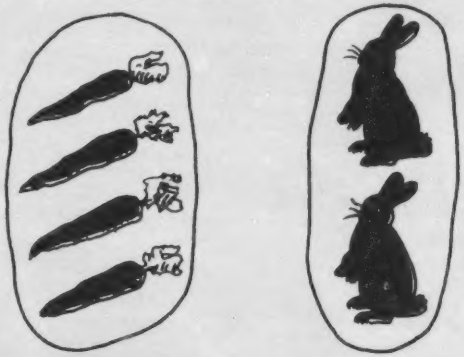
____ > ____



____ > ____



____ > ____



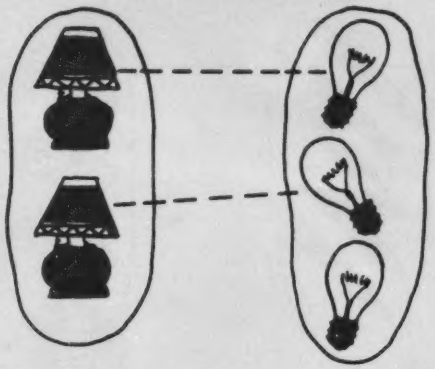
____ > ____

____ > ____

Relacionar o sinal > com a expressão "é maior do que".

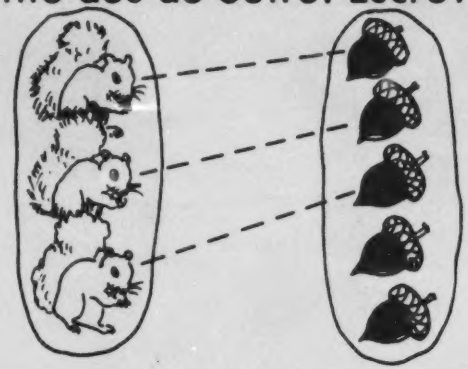
Menor do que

Liga os elementos de um conjunto aos do outro. Escreve na ____ o numeral correcto.



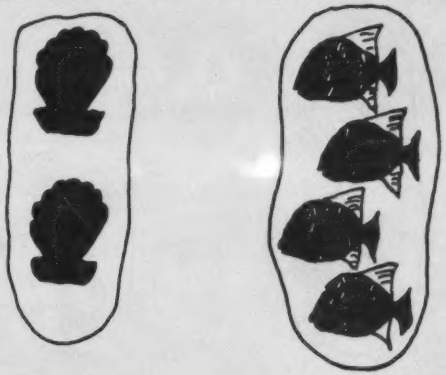
2 é menor do que 3

2 < 3

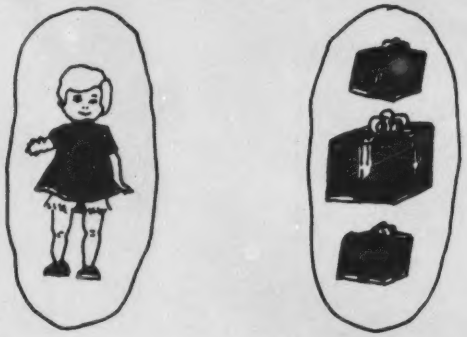


____ é menor do que ____

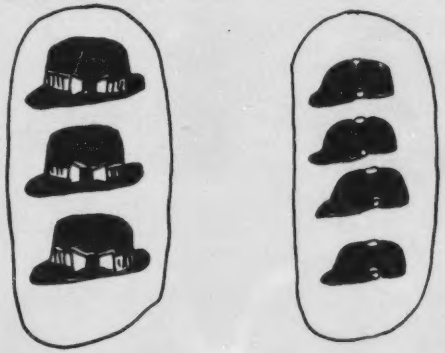
____ < ____



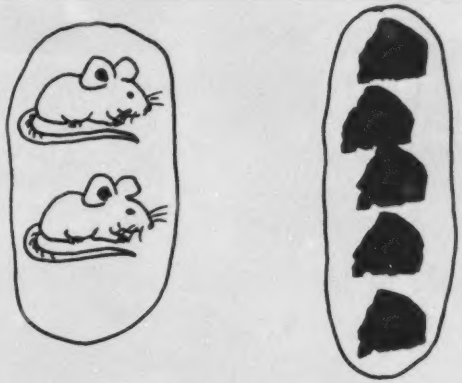
____ < ____



____ < ____



____ < ____



____ < ____

Relacionar o sinal < com a expressão "é menor do que".

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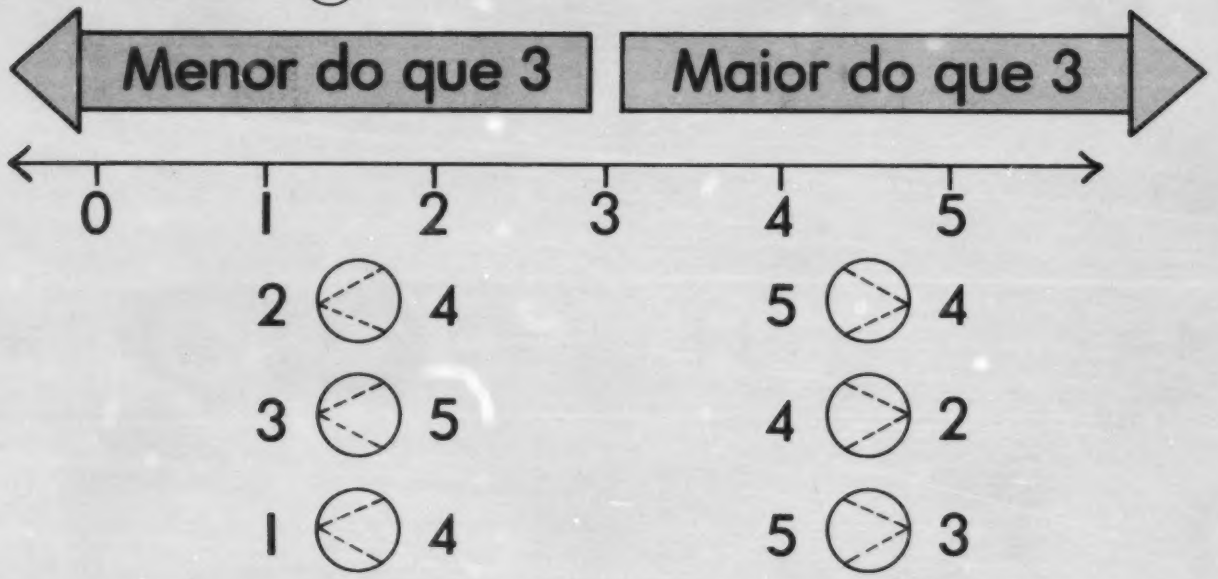
Escreve < ou > em cada ◯.



0 ◯ 5	3 ◯ 4	1 ◯ 2
3 ◯ 2	2 ◯ 1	4 ◯ 3
4 ◯ 5	4 ◯ 0	0 ◯ 3
3 ◯ 1	5 ◯ 4	5 ◯ 1
1 ◯ 5	2 ◯ 5	4 ◯ 2

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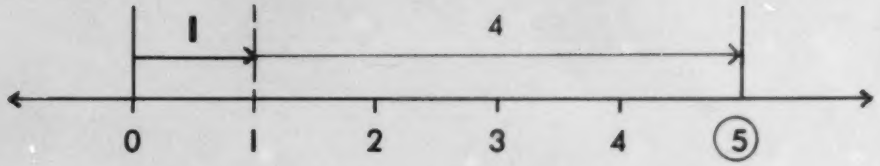
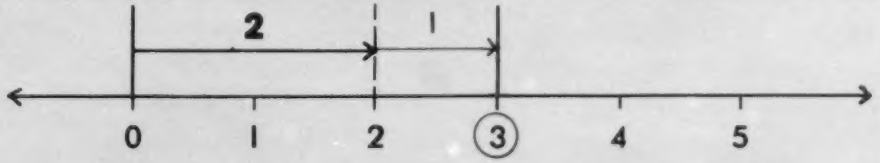
Relacionar os sinais < e > com a linha numerada.

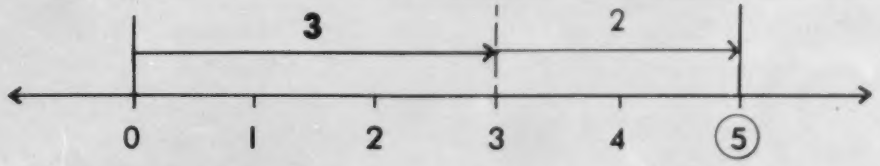
Escreve no ☐ o numeral correcto.



1+4= 5 1+ 4 =5 ☐ +4=5



2+1= ☐ 2+ ☐ =3 ☐ +1=3



3+2= ☐ 3+ ☐ =5 ☐ +2=5

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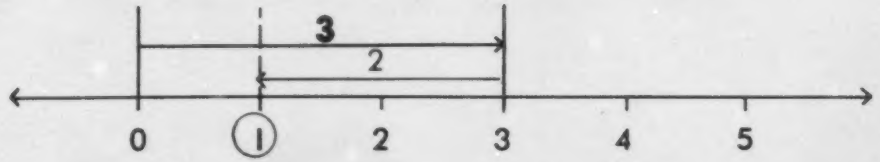
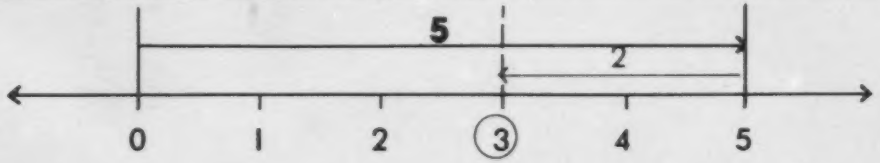
Usar a linha numerada para resolver equações (+).

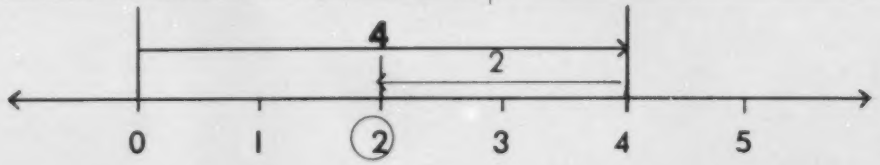
Escreve no ☐ o numeral correcto.



$3-2=\square$ $3-\square=1$ $\square-2=1$



$5-2=\square$ $5-\square=3$ $\square-2=3$



$4-2=\square$ $4-\square=2$ $\square-2=2$

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Usar a linha numerada para resolver equações (–).

Escreve $<$, $>$, ou $=$ em cada ◯ .

$3 < 4$	$4 = 4$	$5 > 4$
$2 + 1$ 4	$2 + 2$ 4	$2 + 3$ 4

$1 + 2$ ◯ 3	1 ◯ $4 - 2$	$5 - 3$ ◯ 1
$3 + 2$ ◯ 4	3 ◯ $4 - 1$	$3 - 3$ ◯ 1
$1 + 1$ ◯ 5	2 ◯ $5 - 4$	$2 + 3$ ◯ 5
$5 - 2$ ◯ 4	2 ◯ $1 + 3$	$1 + 4$ ◯ 3
$3 - 1$ ◯ 2	3 ◯ $4 - 2$	$5 - 1$ ◯ 4
$4 - 3$ ◯ 2	4 ◯ $2 + 1$	$4 - 4$ ◯ 1

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Usar >, <, ou = com somas e diferenças.

Escreve $<$, $>$, ou $=$ em cada ◯ .

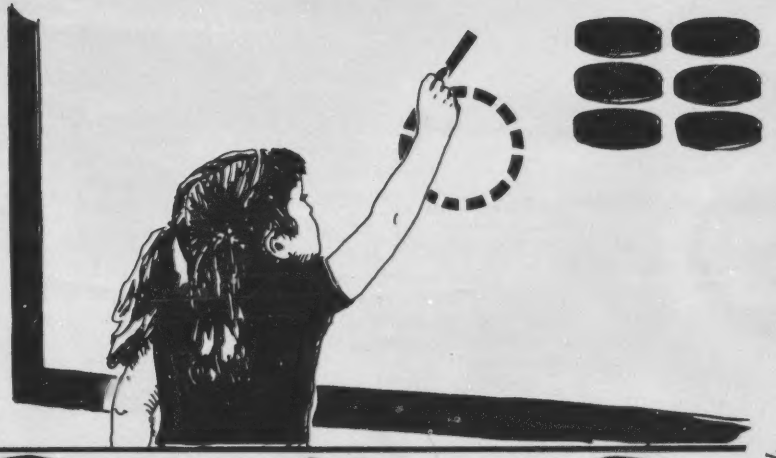
$3 + 1 \bigcirc 5$	$3 \bigcirc 4 - 2$	$4 - 3 \bigcirc 1$
$2 + 2 \bigcirc 3$	$0 \bigcirc 3 + 1$	$2 - 1 \bigcirc 3$
$5 - 1 \bigcirc 2$	$4 \bigcirc 2 + 2$	$3 + 1 \bigcirc 5$
$2 + 0 \bigcirc 3$	$3 \bigcirc 4 + 1$	$2 + 2 \bigcirc 3$
$4 + 1 \bigcirc 5$	$2 \bigcirc 3 + 1$	$5 - 3 \bigcirc 2$
$0 + 3 \bigcirc 4$	$5 \bigcirc 0 + 5$	$4 - 1 \bigcirc 5$
$1 + 1 \bigcirc 2$	$4 \bigcirc 2 + 1$	$1 + 3 \bigcirc 2$
$3 + 2 \bigcirc 4$	$1 \bigcirc 3 - 0$	$0 + 2 \bigcirc 3$
$5 - 1 \bigcirc 3$	$3 \bigcirc 5 - 1$	$5 - 2 \bigcirc 4$
$3 - 0 \bigcirc 4$	$2 \bigcirc 3 - 1$	$2 + 3 \bigcirc 4$

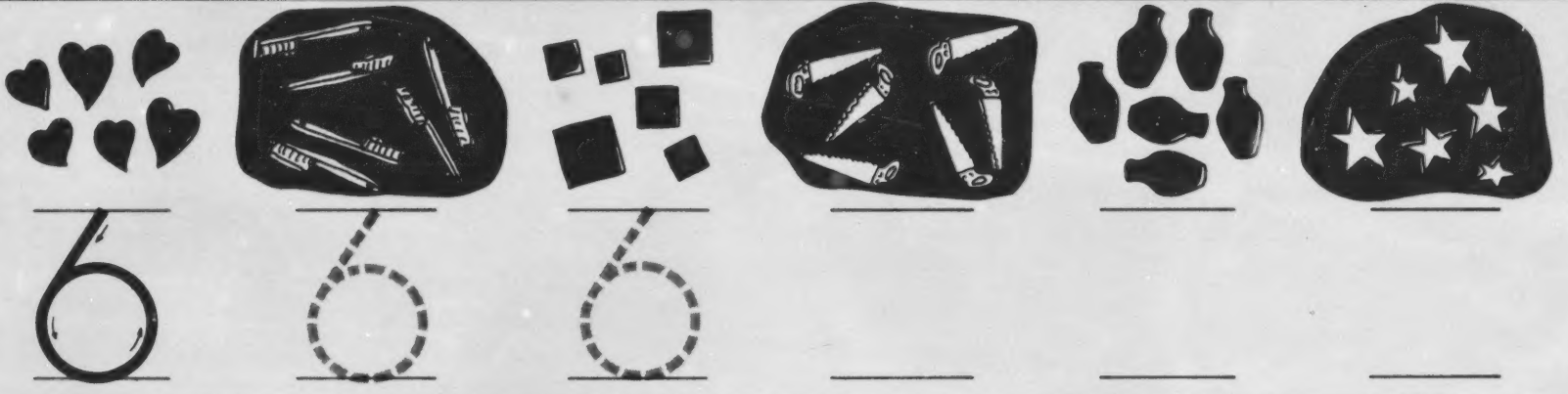
Avaliação: usar $>$, $<$, ou $=$ com somas e diferenças.

Numeração

Escreve o numeral 6.

0 1 2 3 4 5 6





6 6

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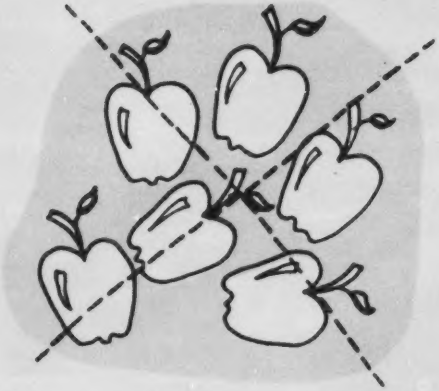
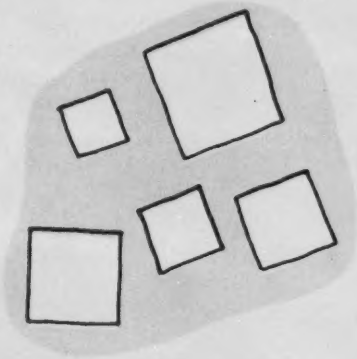
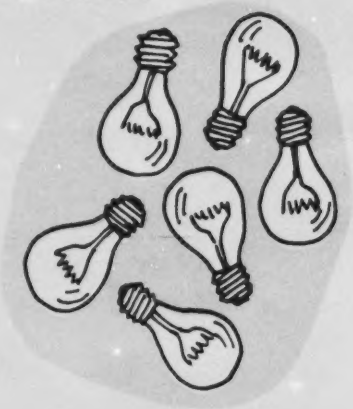
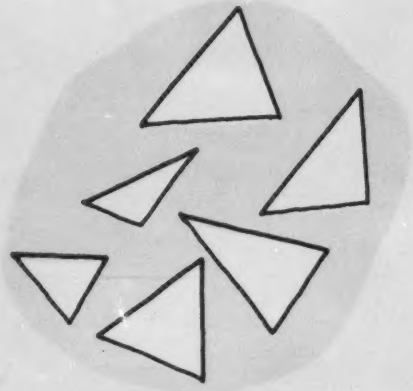
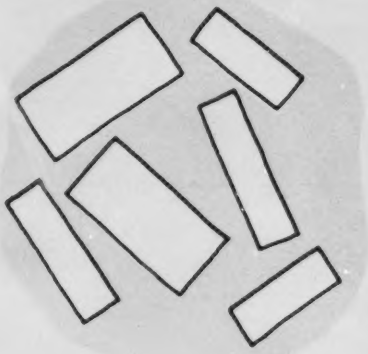
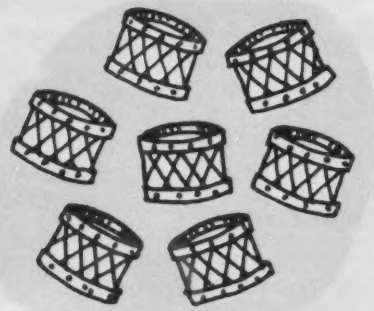
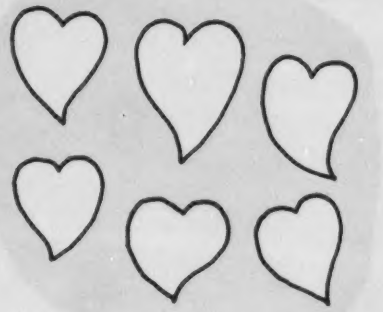
Conjunto de seis elementos, o número **seis** *e o numeral* **6**.

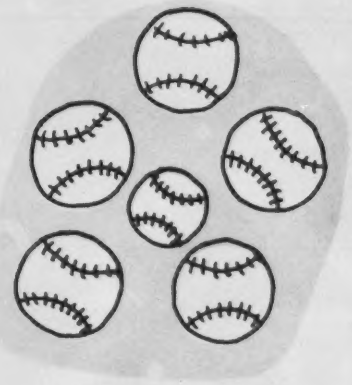
Faz um X sobre os conjuntos que têm seis elementos.





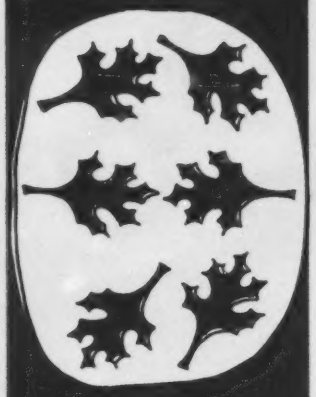


75

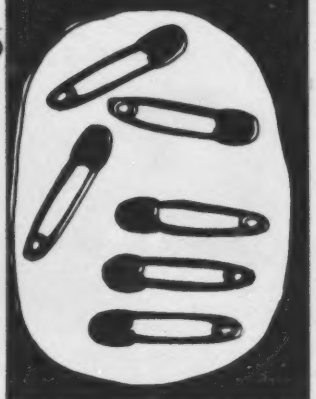
Associar o numeral **6** com conjuntos de seis elementos.

Escreve o numeral 6 e a palavra *seis*.

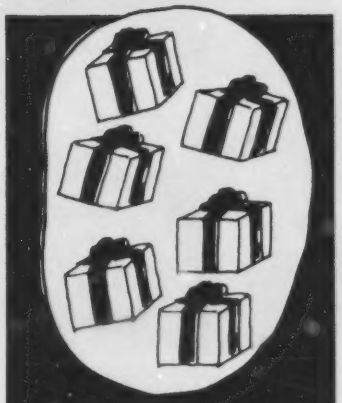
6 seis



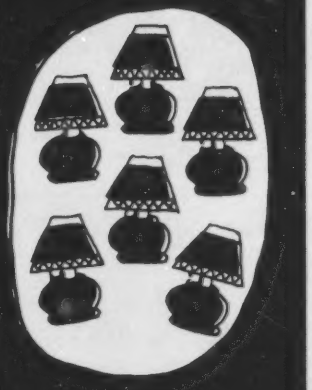
6 seis



seis



seis



seis

seis

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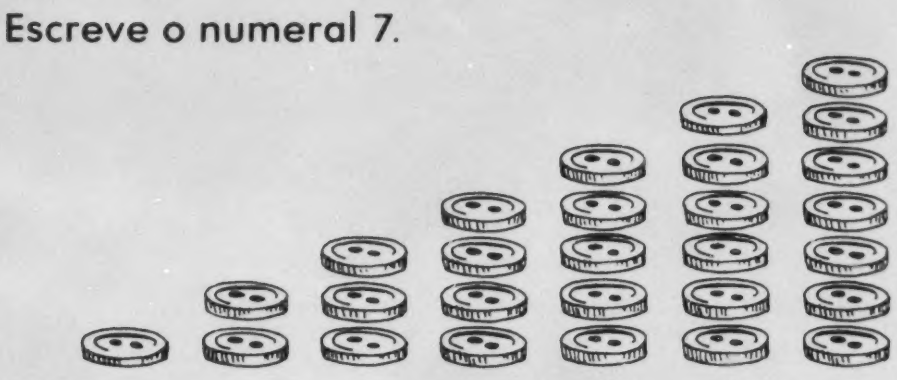
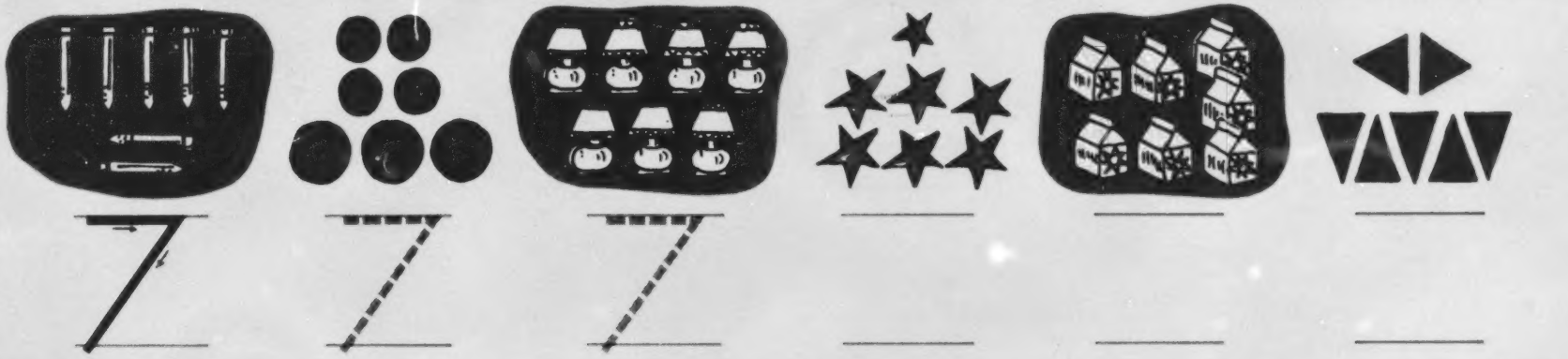
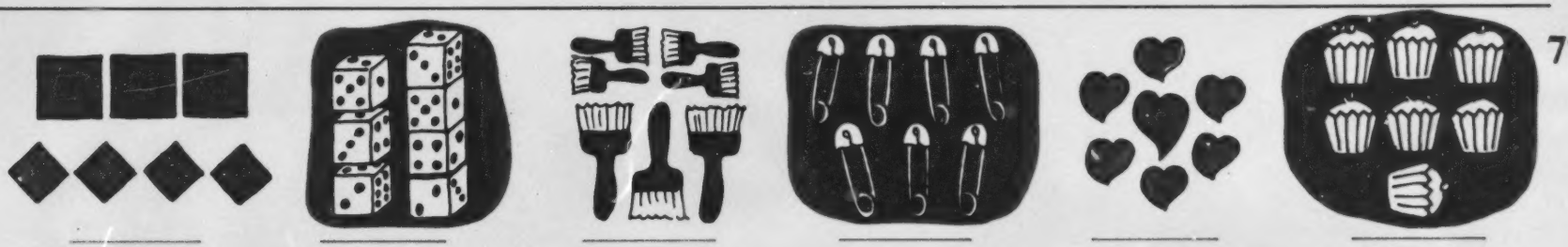
Número **seis**, *numeral* **6** *e a palavra* **seis**.

Escreve o numeral 7.







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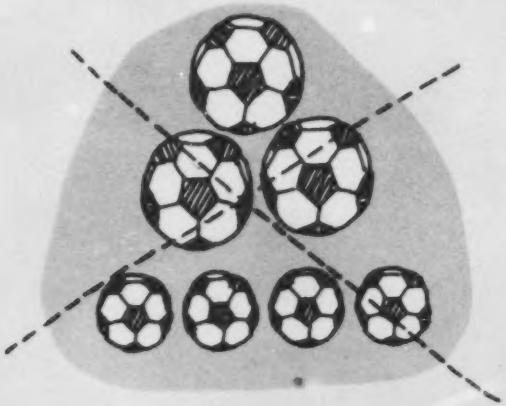
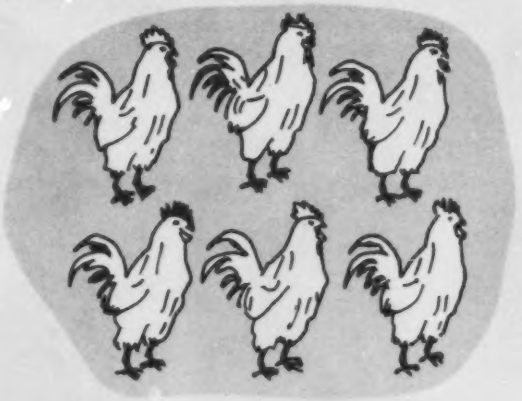
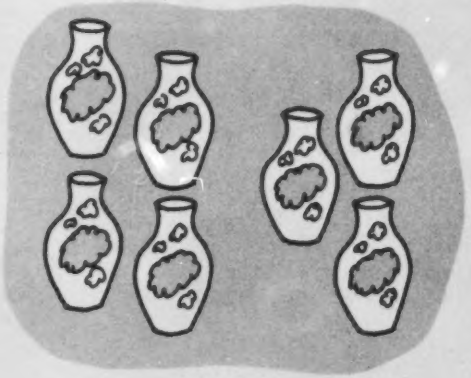
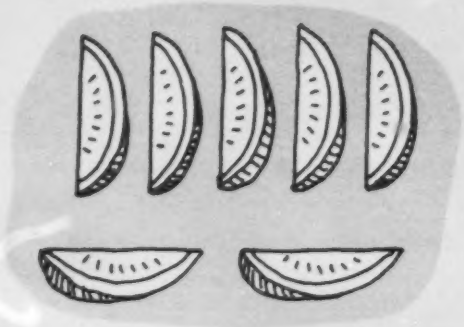
Conjunto de sete elementos, o número **sete** e o numeral 7.

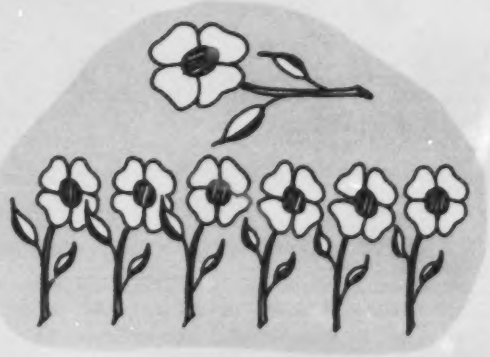
Faz um X sobre os conjuntos que têm sete elementos.

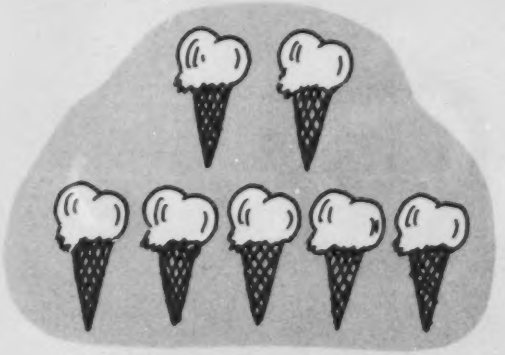












Associar o numeral **7** com conjuntos de sete elementos.

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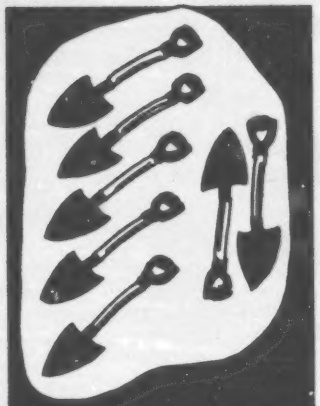
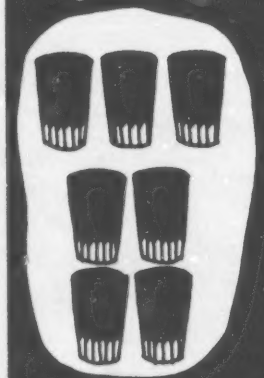
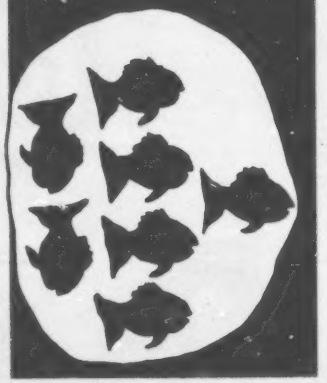
Escreve o numeral 7 e a palavra sete.



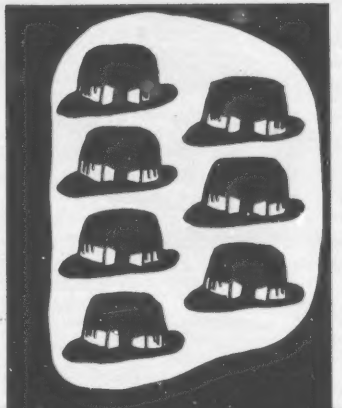
7 sete



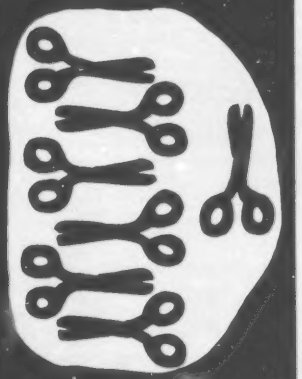
7 sete



sete



sete

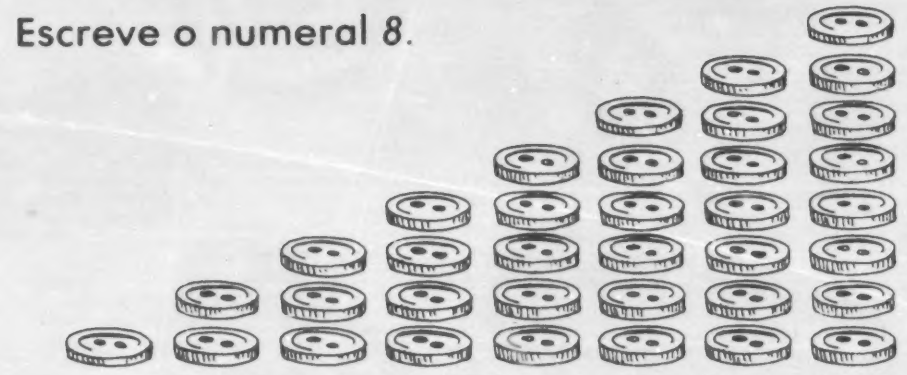


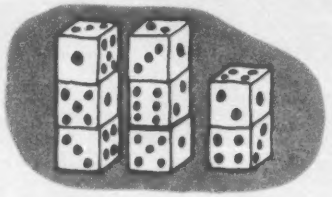
sete

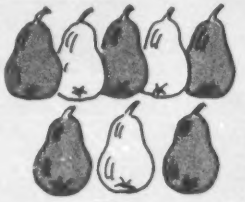
sete

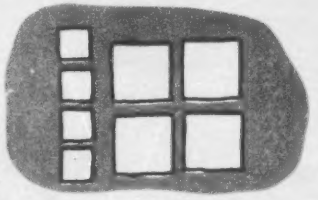
Número **sete**, *numeral* **7** *e a palavra* **sete**.

Escreve o numeral *8*.









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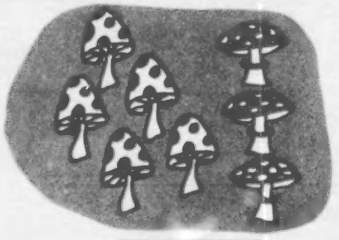
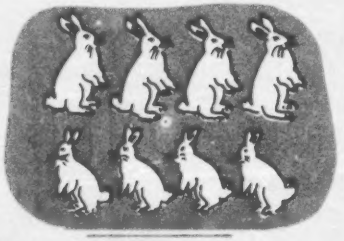
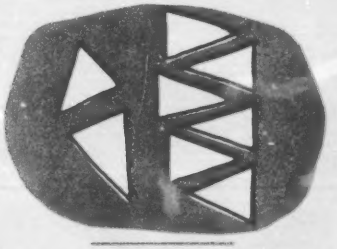
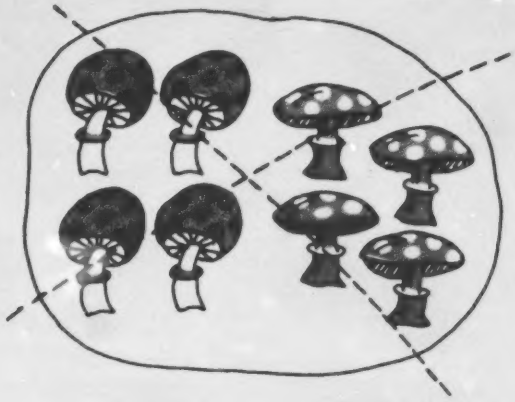


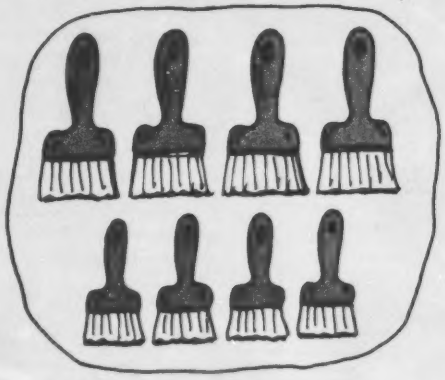


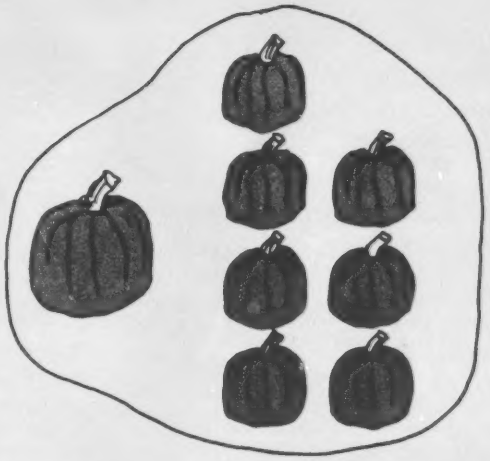


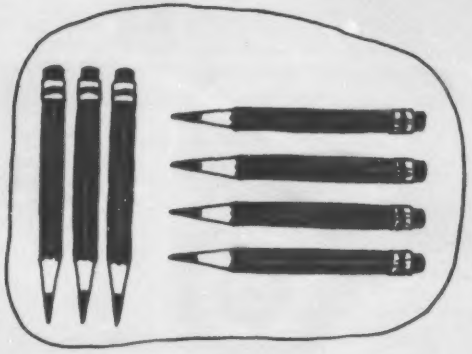
Conjunto de oito elementos, o número **oito** e o numeral **8**.

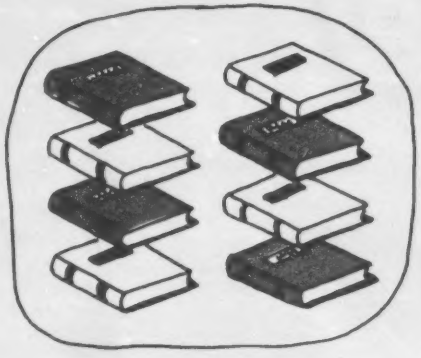
Faz um X sobre os conjuntos que têm oito elementos.

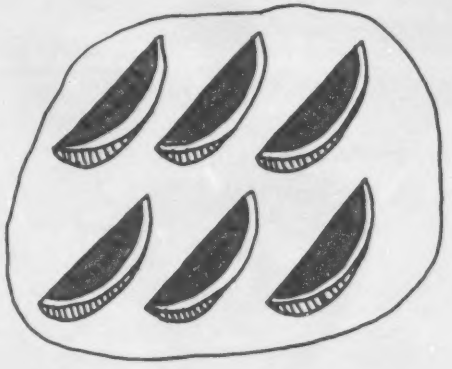


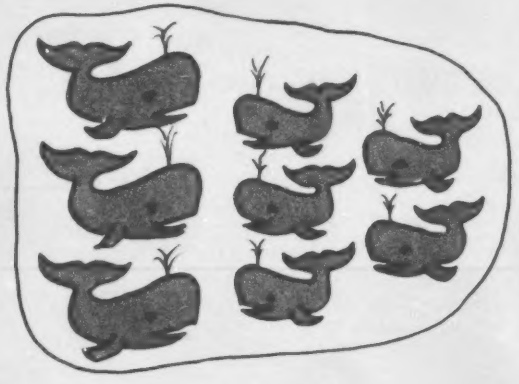


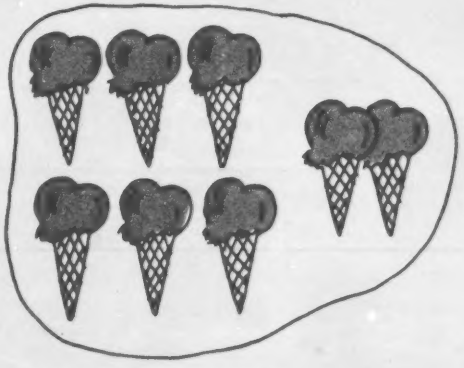


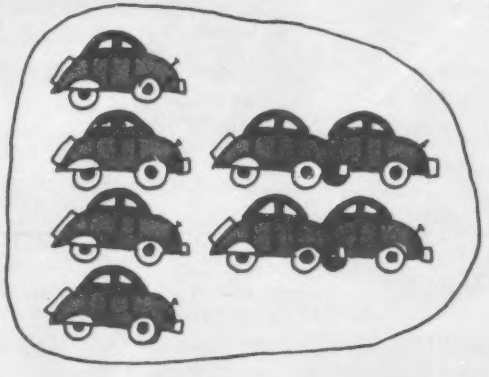












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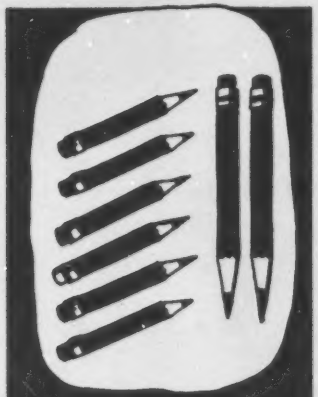
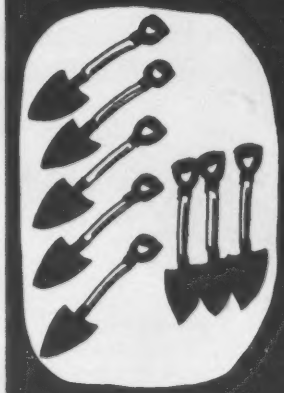
Associar o numeral **8** com conjuntos de oito elementos.

Escreve o numeral *8* e a palavra *oito*.



8 oito



8 oito

oito

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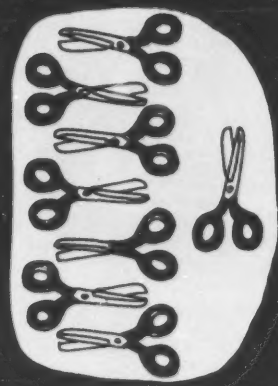
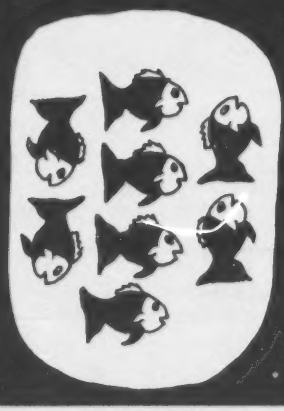
oito



oito



oito

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Número **oito**, numeral **8** e a palavra **oito**.

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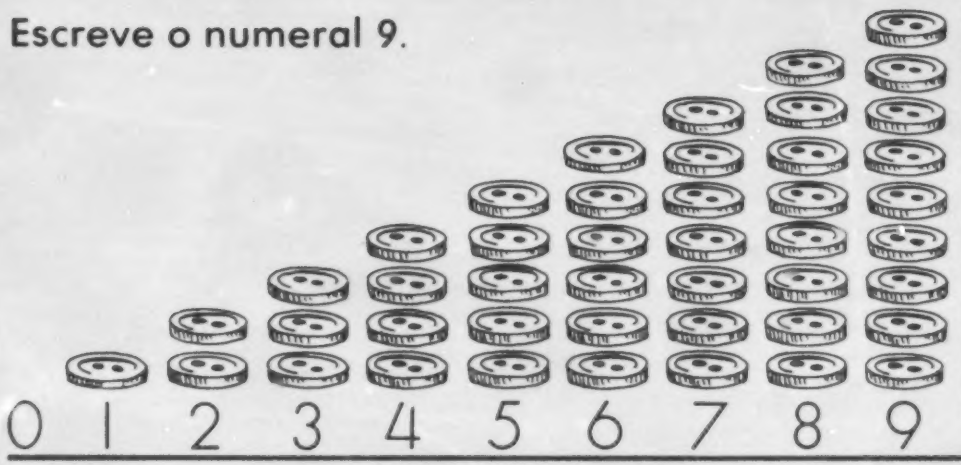
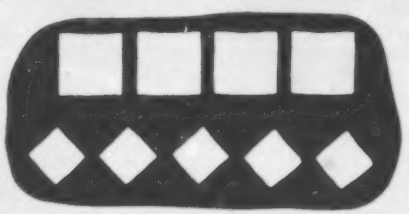
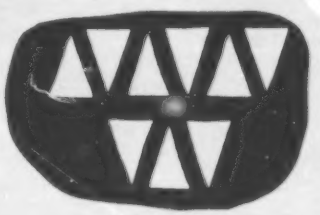
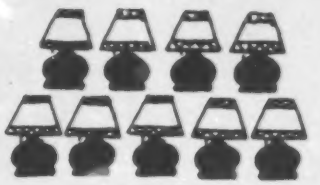
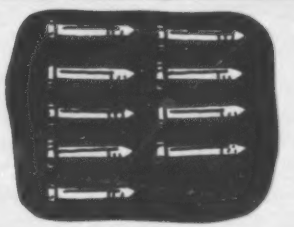
Escreve o numeral 9.



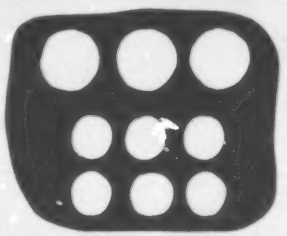


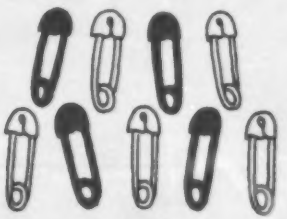


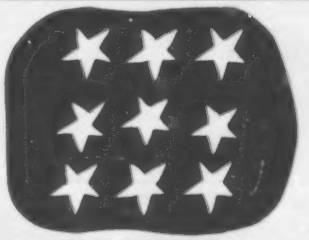


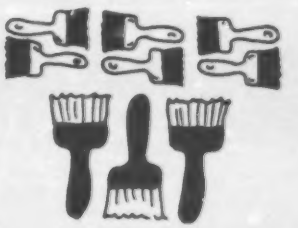


9 9 9









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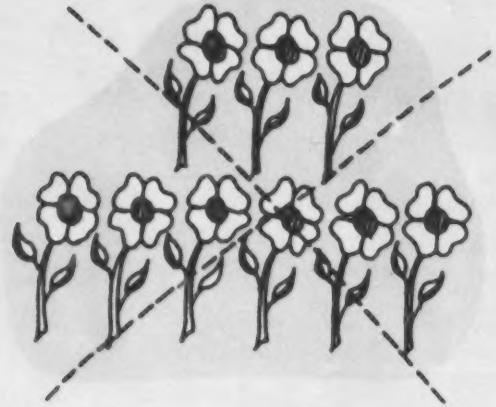
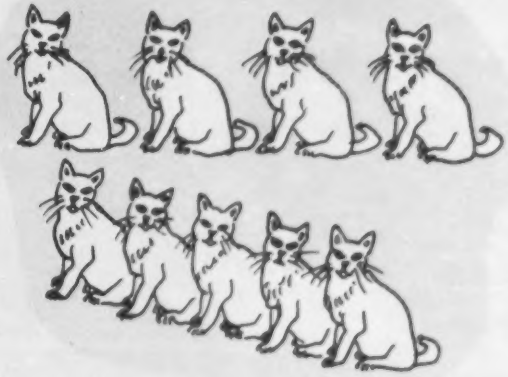
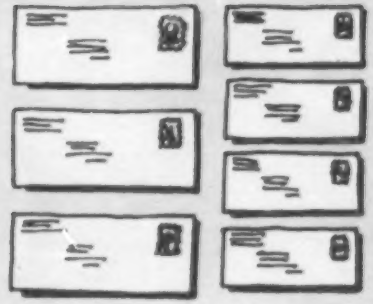
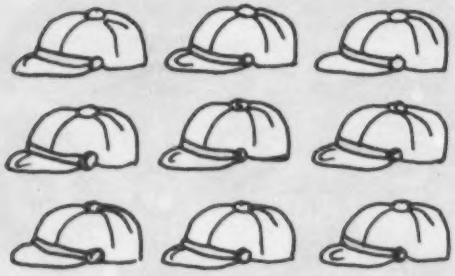
Conjunto de nove elementos, o número **nove** e o numeral **9**.

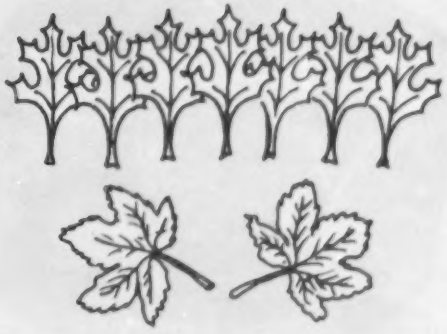
Faz um X sobre os conjuntos que têm nove elementos.

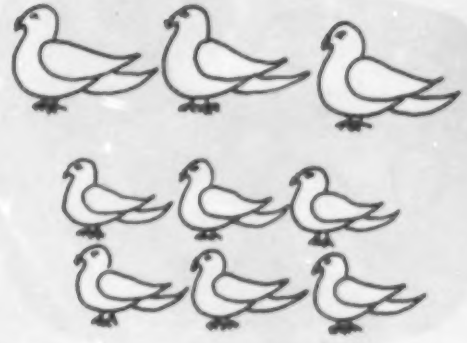


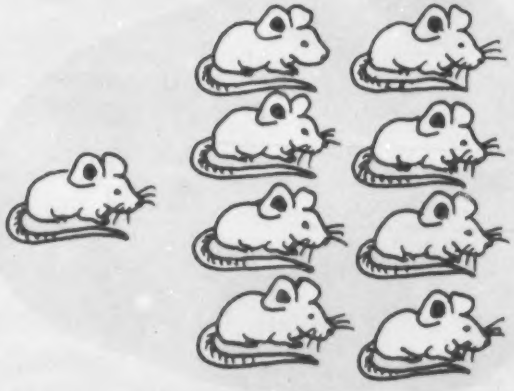


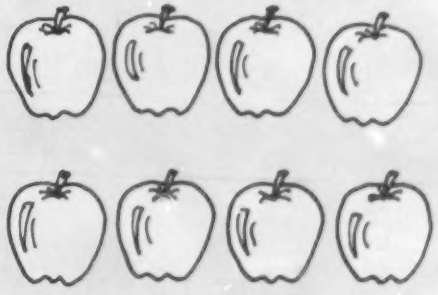


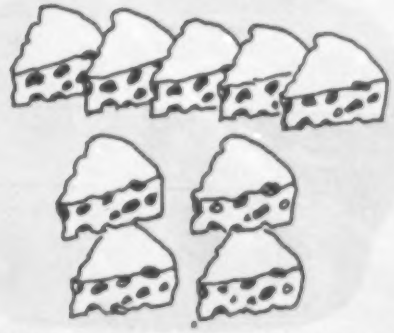












Associar o numeral 9 com conjuntos de nove elementos.

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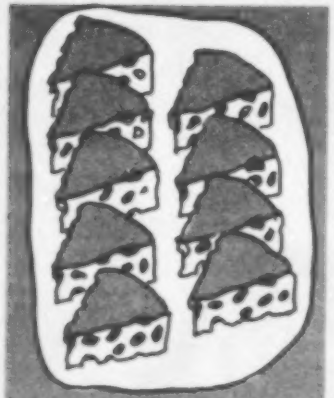
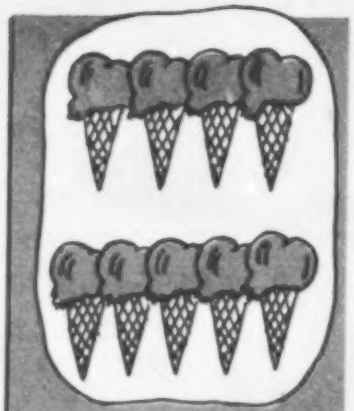
Escreve o numeral 9 e a palavra *nove*.



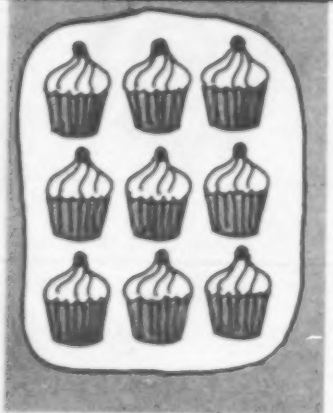
9 nove



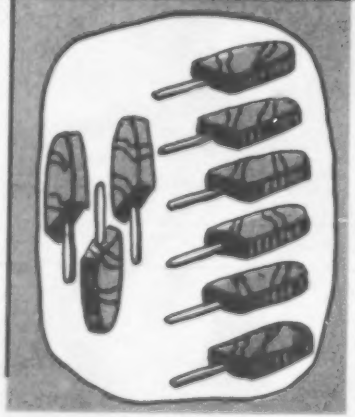
nove

9 nove

nove



nove



nove

Numera **nove**, numeral 9 e a palavra **nove**.

Escreve na ____ o numeral que falta.

0,___,2	___,6,7	___,___,3
3,4,___	1,2,___	7,___,___
5,___,7	___,7,___	5,6,___
___,3,4	___,2,___	___,4,___
7,8,___	6,7,___	4,___,___

Revisão: sequência numérica de 0 a 9.

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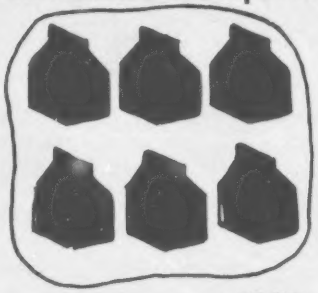
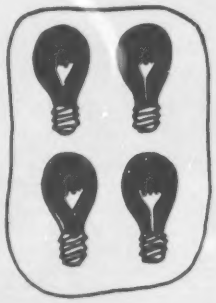
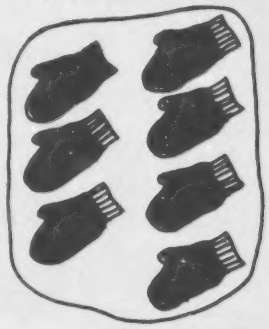
Escreve o numeral e circunda a palavra que indica o número de elementos em cada conjunto.



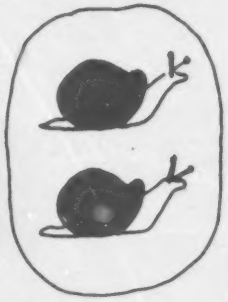
cinco (seis) sete



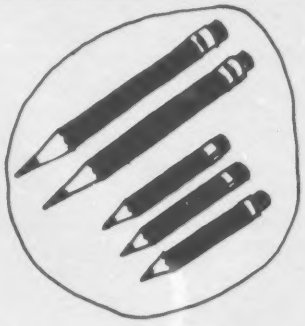
dois três quatro



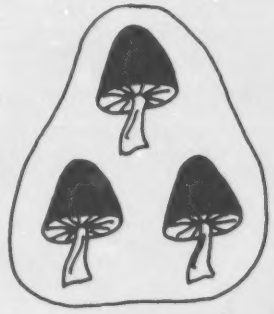
sete oito nove



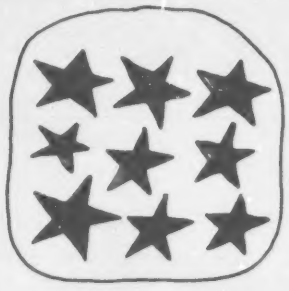
zero um dois



três quatro cinco

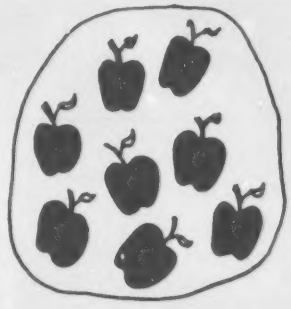


três quatro cinco



sete oito nove

zero um dois

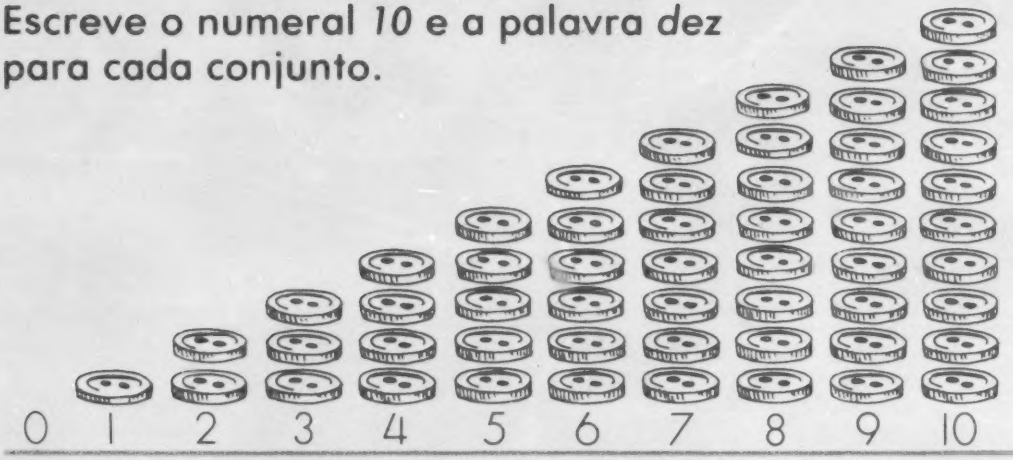


seis sete oito

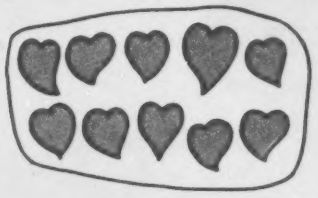
87

Avaliação: Números e numerais de 0 a 9

Escreve o numeral *10* e a palavra *dez* para cada conjunto.

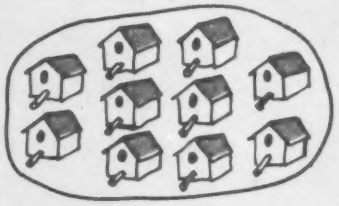


10 dez

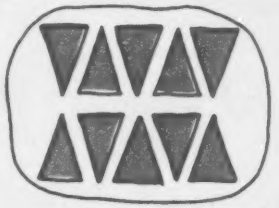


10

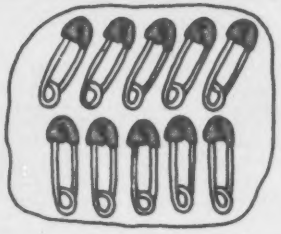
dez



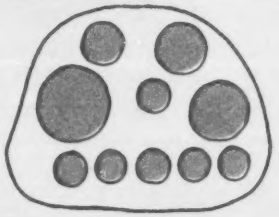
dez



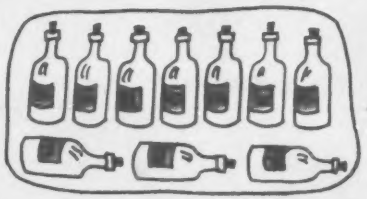
dez



dez



dez



dez

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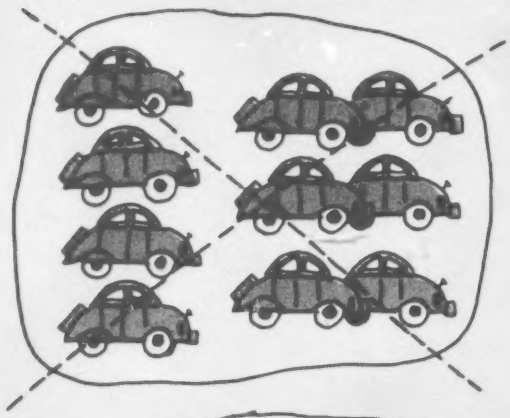
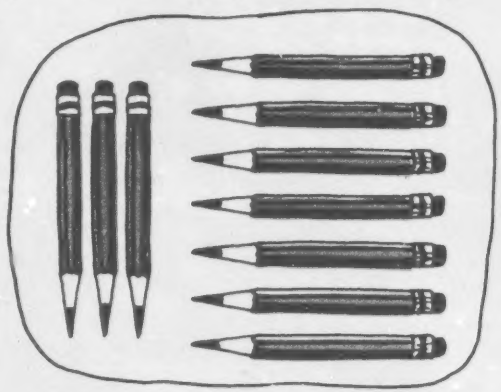
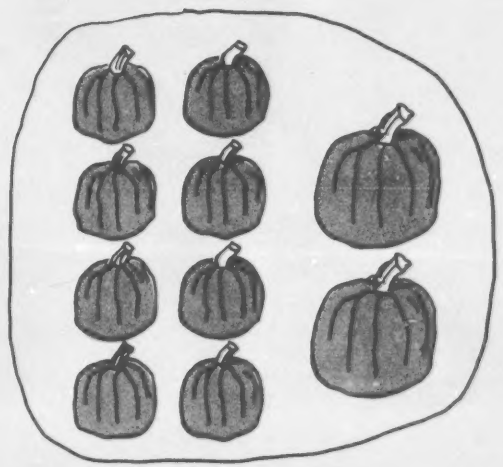
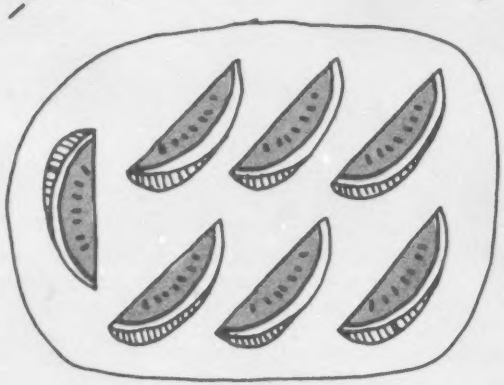
Número **dez**, numeral **10** e a palavra **dez**.

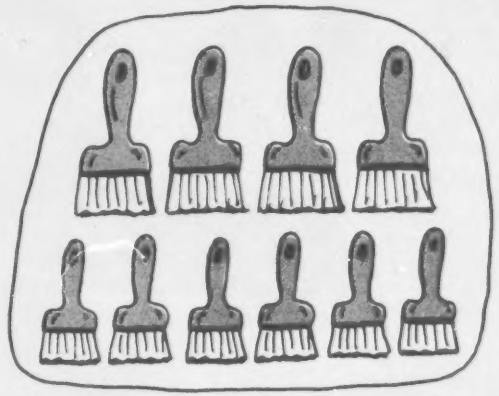
Faz um X sobre os conjuntos que têm dez elementos.

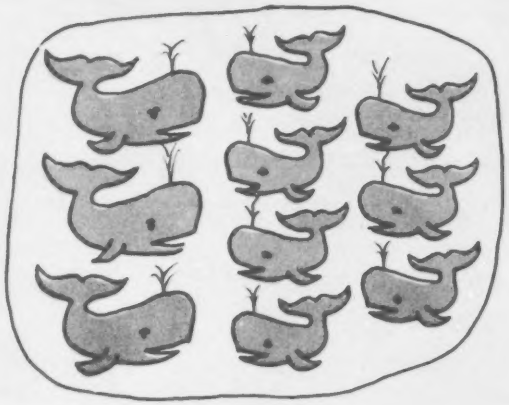


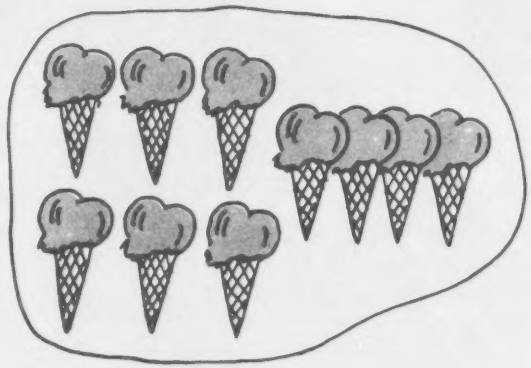


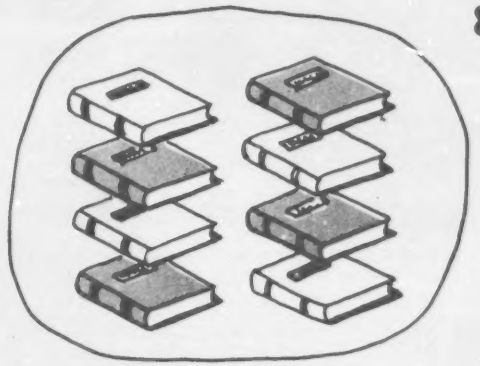








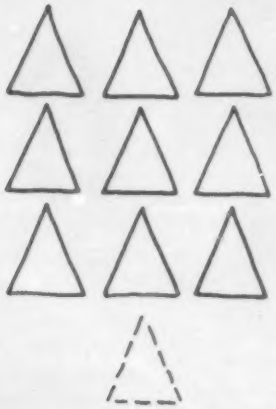




89

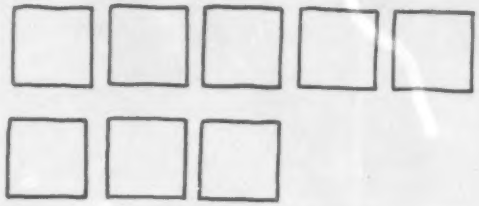
Associar o numeral **10** com conjuntos de dez elementos.

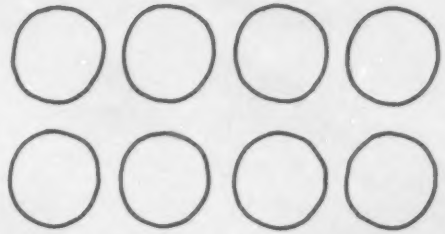
Desenha mais objectos para formar conjuntos de dez.

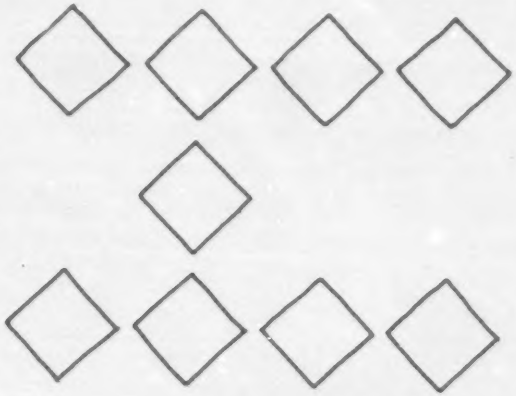


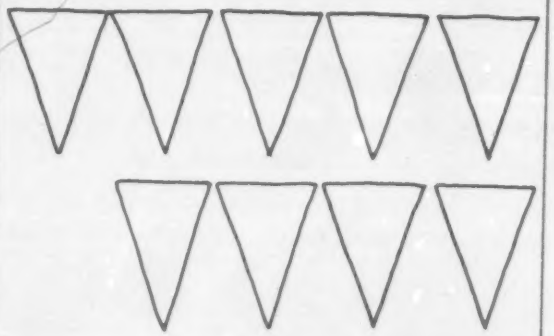
10

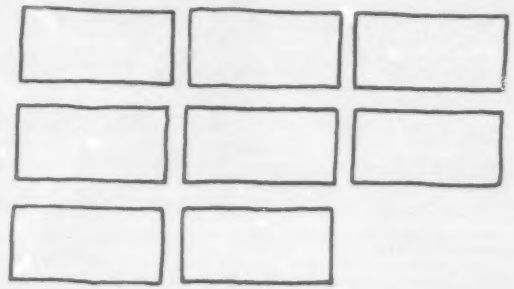
dez











90

187

185

Completar conjuntos de dez elementos.

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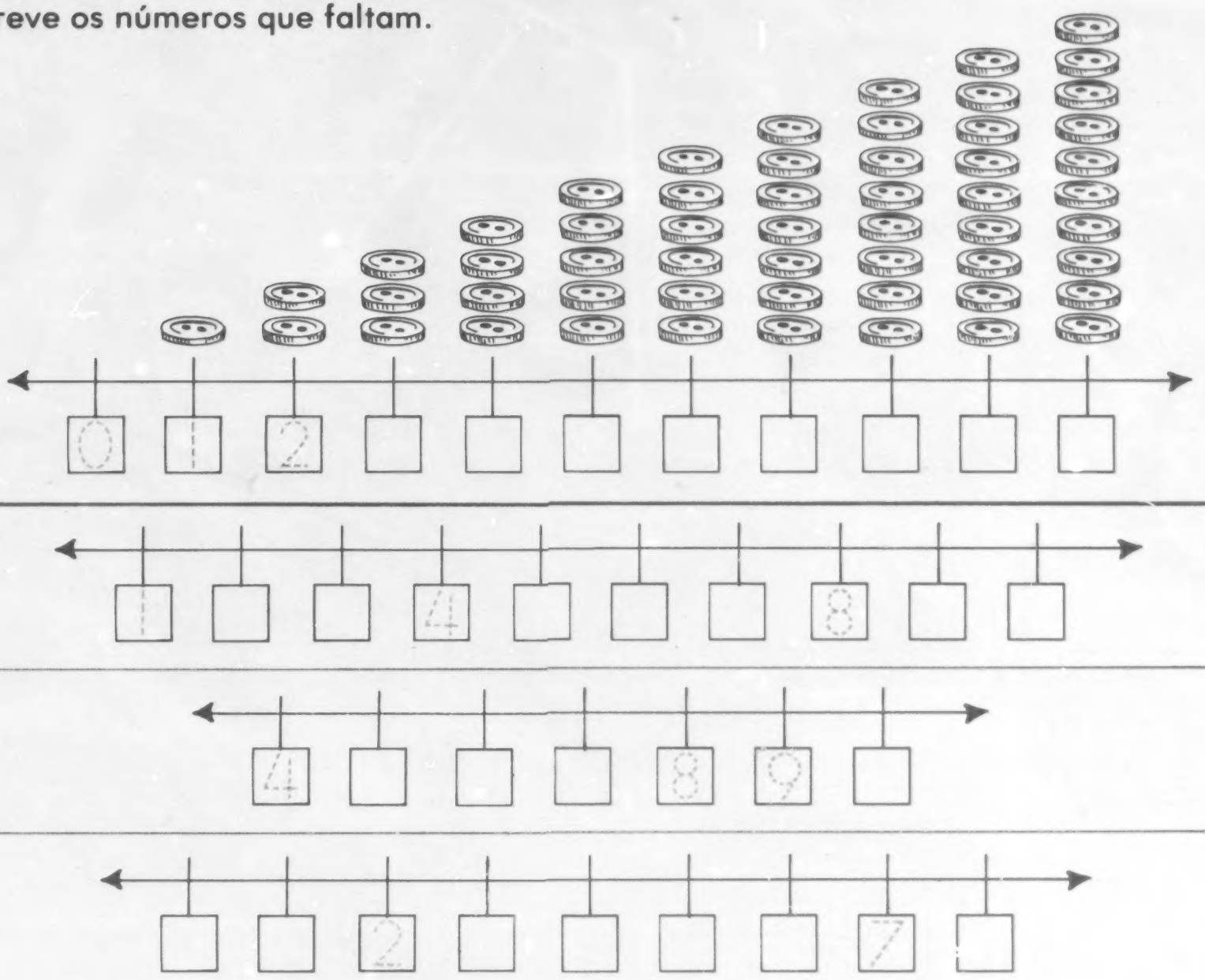
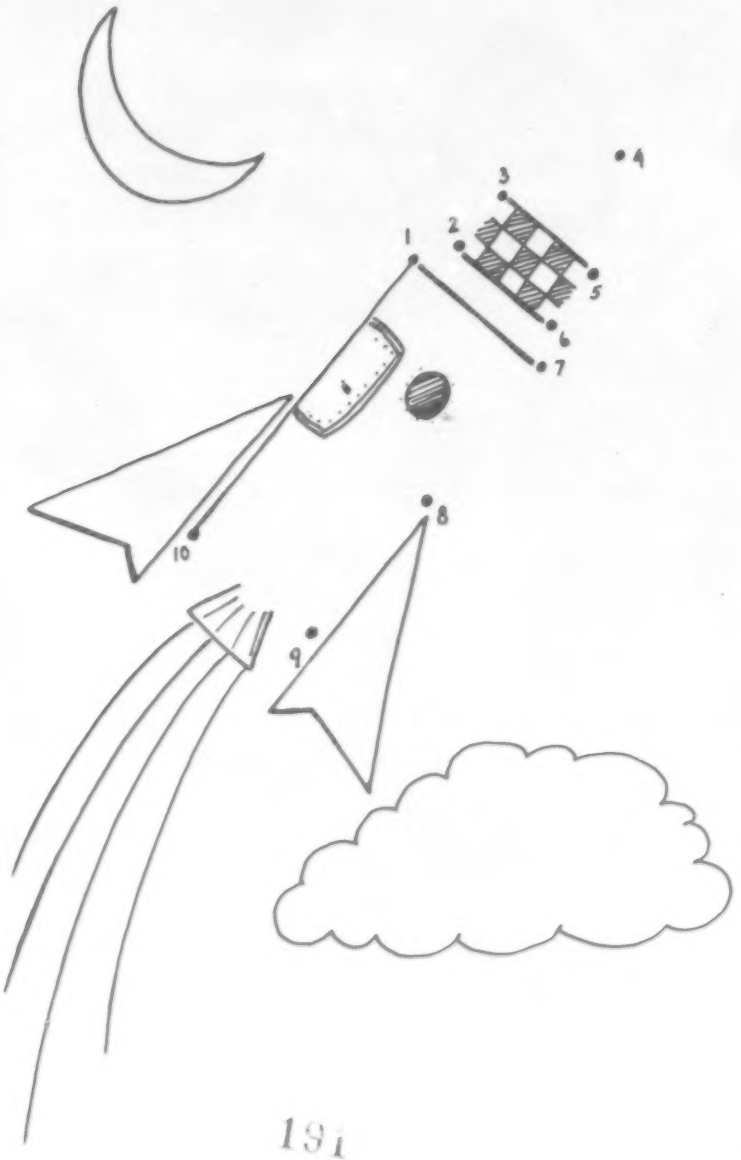
Escreve os números que faltam.



Linha numerada: Sequência numérica de 0 a 19.

Liga os pontos começando por 1. Pinta os desenhos a teu gosto.



Avaliação: Sequência numérica de 0 a 10.

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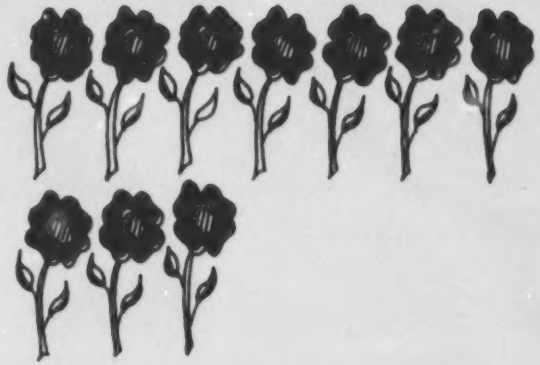
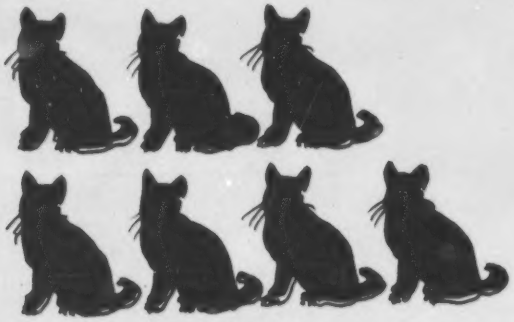
Adição

Faz as somas.

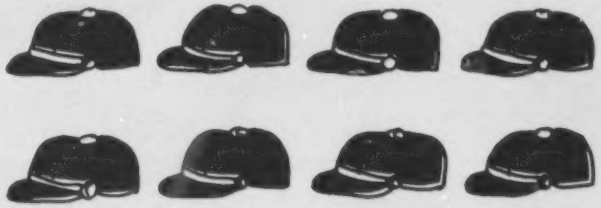
4
+2
6



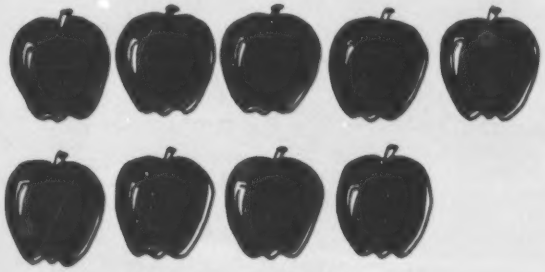
7
+3



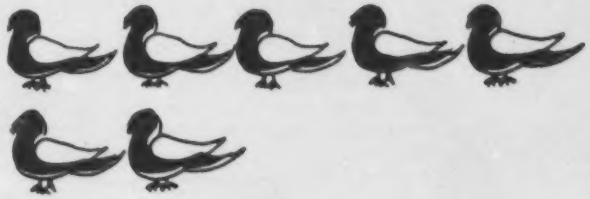
3
+4



4
+4



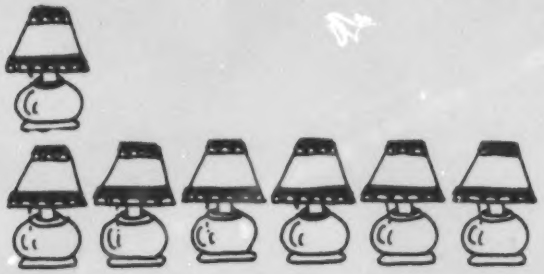
5
+4



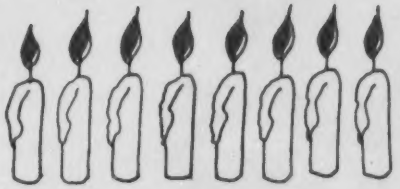
5
+2

Adicionar usando objectos.

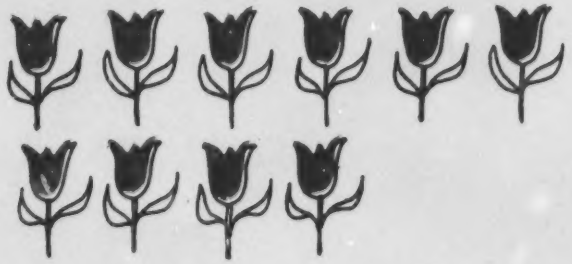
Faz as somas.



1
+6



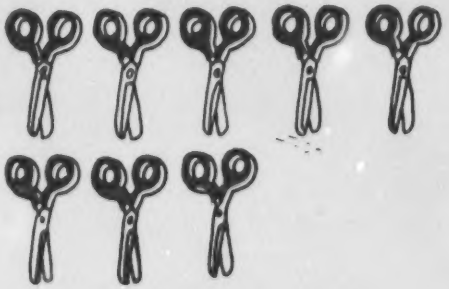
8
+0



6
+4

5
+1

2
+7



5
+3

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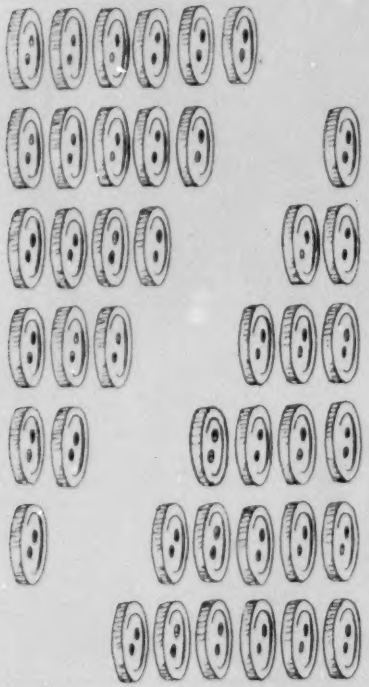
Soma.

4	5	0	8	6
+2	+3	+7	+2	+3
6				
7	6	5	3	1
+1	+2	+1	+7	+6
0	3	6	5	6
+8	+3	+4	+4	+0

95

Escreve no ☐ o numeral correcto.

6 + 0 = ☐ 6 + ☐ = 6 ☐ + 0 = 6	3 + 3 = ☐ 3 + ☐ = 6 ☐ + 3 = 6	5 + 1 = ☐ 5 + ☐ = 6 ☐ + 1 = 6
 96 6	4 + 2 = ☐ 4 + ☐ = 6 ☐ + 2 = 6	0 + 6 = ☐ 0 + ☐ = 6 ☐ + 6 = 6
	2 + 4 = ☐ 2 + ☐ = 6 ☐ + 4 = 6	1 + 5 = ☐ 1 + ☐ = 6 ☐ + 5 = 6

Adições cuja soma seja seis.

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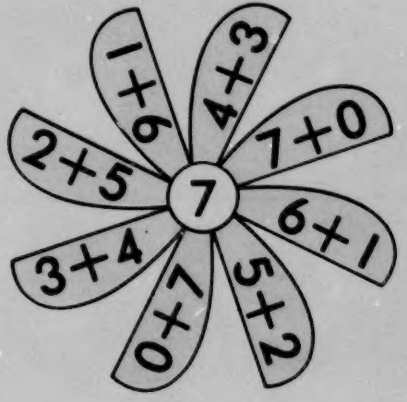
Escreve no ☐ o numeral correcto.

7 + 0 = ☐ 7 + ☐ = 7 ☐ + 0 = 7	4 + 3 = ☐ 4 + ☐ = 7 ☐ + 3 = 7	6 + 1 = ☐ 6 + ☐ = 7 ☐ + 1 = 7
1 + 6 = ☐ 1 + ☐ = 7 ☐ + 6 = 7	0 + 7 = ☐ 0 + ☐ = 7 ☐ + 7 = 7	2 + 5 = ☐ 2 + ☐ = 7 ☐ + 5 = 7
 	5 + 2 = ☐ 5 + ☐ = 7 ☐ + 2 = 7	3 + 4 = ☐ 3 + ☐ = 7 ☐ + 4 = 7

Adições cuja soma seja sete.

Escreve no ☐ o numeral correcto.

5 + 3 = ☐	6 + 2 = ☐	4 + 4 = ☐
5 + ☐ = 8	6 + ☐ = 8	4 + ☐ = 8
☐ + 3 = 8	☐ + 2 = 8	☐ + 4 = 8
1 + 7 = ☐	3 + 5 = ☐	8 + 0 = ☐
1 + ☐ = 8	3 + ☐ = 8	8 + ☐ = 8
☐ + 7 = 8	☐ + 5 = 8	☐ + 0 = 8
0 + 8 = ☐	7 + 1 = ☐	2 + 6 = ☐
0 + ☐ = 8	7 + ☐ = 8	2 + ☐ = 8
☐ + 8 = 8	☐ + 1 = 8	☐ + 6 = 8

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Escreve no ☐ o numeral correcto.

0 + 9 = ☐	8 + 1 = ☐	4 + 5 = ☐
1 + ☐ = 9	8 + ☐ = 9	4 + ☐ = 9
☐ + 7 = 9	☐ + 1 = 9	☐ + 5 = 9
3 + 6 = ☐	6 + 3 = ☐	2 + 7 = ☐
4 + ☐ = 9	6 + ☐ = 9	2 + ☐ = 9
☐ + 4 = 9	☐ + 3 = 9	☐ + 7 = 9
6 + 3 = ☐	9 + 0 = ☐	1 + 8 = ☐
7 + ☐ = 9	9 + ☐ = 9	1 + ☐ = 9
☐ + 1 = 9	☐ + 0 = 9	☐ + 8 = 9
9 + 0 = ☐		

Escreve no ☐ o numeral correcto.

9 + 1 = ☐	6 + 4 = ☐	5 + 5 = ☐
9 + ☐ = 10	6 + ☐ = 10	5 + ☐ = 10
☐ + 1 = 10	☐ + 4 = 10	☐ + 5 = 10
3 + 7 = ☐	2 + 8 = ☐	7 + 3 = ☐
3 + ☐ = 10	2 + ☐ = 10	7 + ☐ = 10
☐ + 7 = 10	☐ + 8 = 10	☐ + 3 = 10
8 + 2 = ☐	1 + 9 = ☐	4 + 6 = ☐
8 + ☐ = 10	1 + ☐ = 10	4 + ☐ = 10
☐ + 2 = 10	☐ + 9 = 10	☐ + 6 = 10

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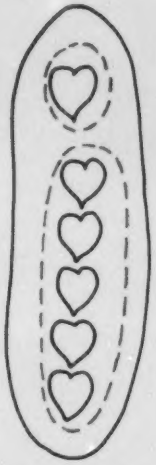
100

Adições cuja soma seja dez.

Escreve no ☐ o numeral correcto.

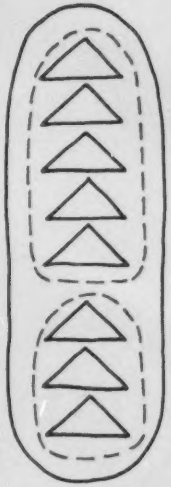


$$\begin{array}{r} 1 \\ +5 \\ \hline \square \end{array}$$

$1+5=\square$

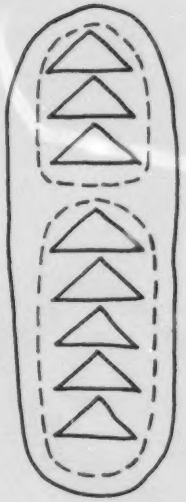
$$\begin{array}{r} 5 \\ +1 \\ \hline \square \end{array}$$

$5+1=\square$



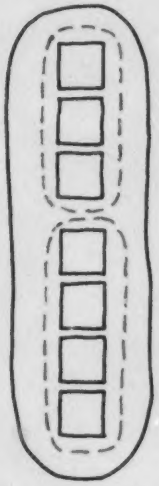
$$\begin{array}{r} 5 \\ +3 \\ \hline \square \end{array}$$

$5+3=\square$



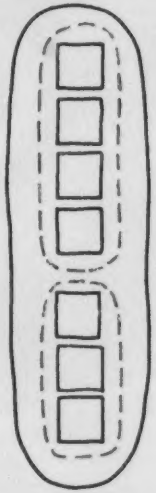
$$\begin{array}{r} 3 \\ +5 \\ \hline \square \end{array}$$

$3+5=\square$



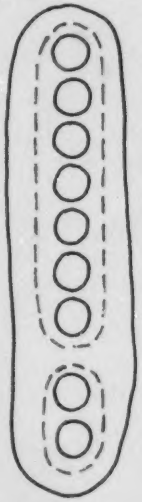
$$\begin{array}{r} 3 \\ +4 \\ \hline \square \end{array}$$

$3+4=\square$



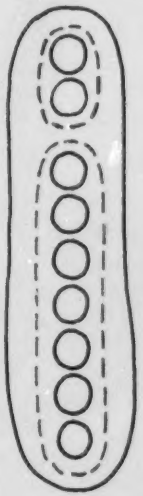
$$\begin{array}{r} 4 \\ +3 \\ \hline \square \end{array}$$

$4+3=\square$



$$\begin{array}{r} 7 \\ +2 \\ \hline \square \end{array}$$

$7+2=\square$



$$\begin{array}{r} 2 \\ +7 \\ \hline \square \end{array}$$

$2+7=\square$

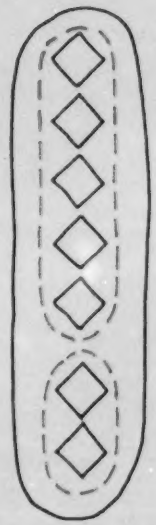
101

Propriedade comutativa da adição.

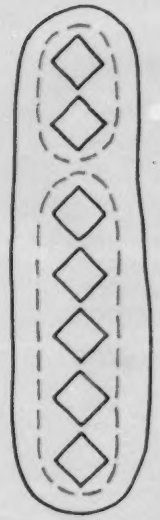
Escreve no ☐ o numeral correcto.

4 + 2 = ☐

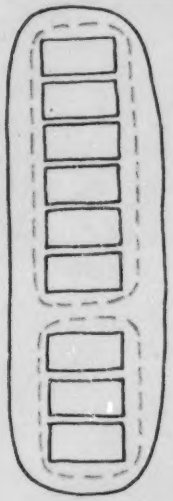
2 + 4 = ☐



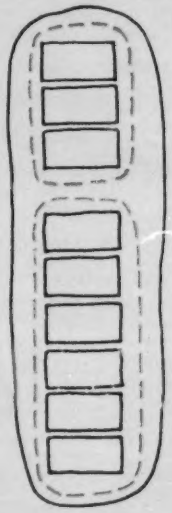
5 + 2 = ☐



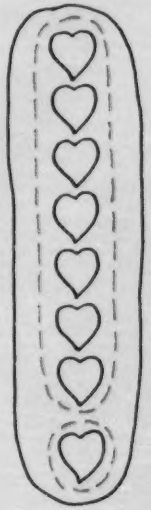
2 + 5 = ☐



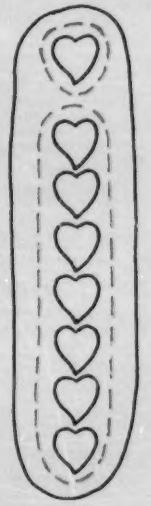
6 + 3 = ☐



3 + 6 = ☐



7 + 1 = ☐



1 + 7 = ☐

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Propriedade comutativa da adição.

Completa a tábua de adição.

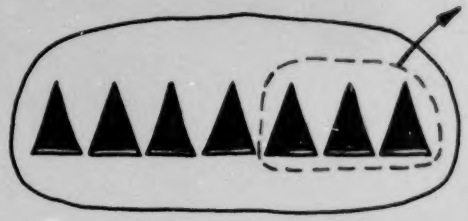
+	0	1	2	3	4	5	6	7	8	9
0	0	1	2				6			
1	1	2								
2	2				6					
3	3									
4										
5					9					
6			8							
7										
8										
9										

$$\begin{array}{r} 5 \\ +4 \\ \hline 9 \end{array}$$

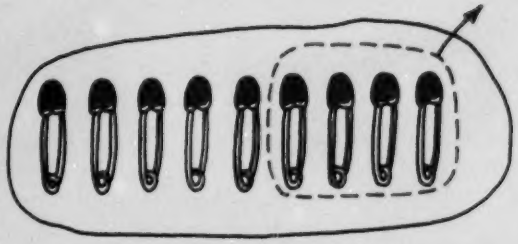
Subtracção

Escreve no ☐ o numeral correcto.

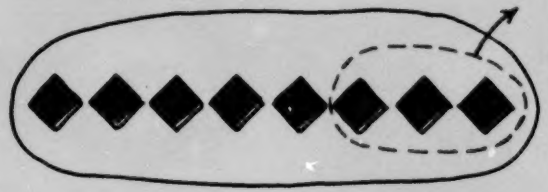
6 − 2 = 4



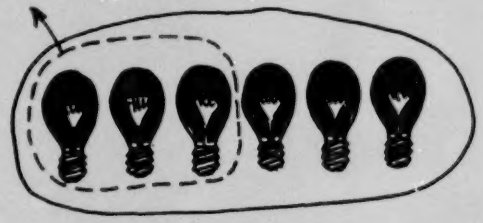
7 − 3 = ☐



9 − 4 = ☐



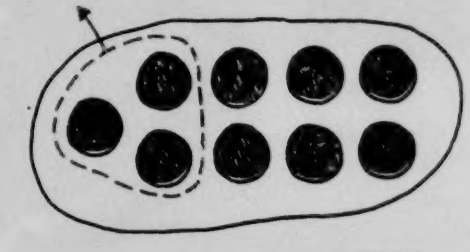
8 − 3 = ☐



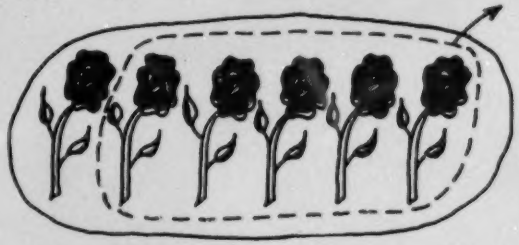
6 − 3 = ☐

9 − 2 = ☐

7 − 2 = ☐



9 − 3 = ☐



6 − 5 = ☐

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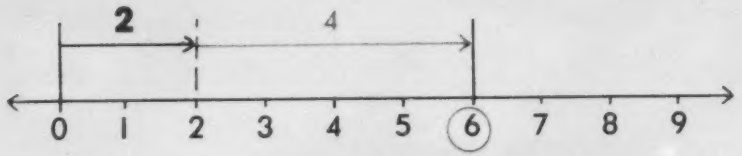
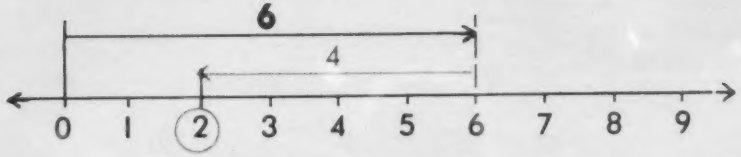
Subtrai.

7	9	9	6	7
−3	−2	−3	−2	−7
4				
8	6	7	9	8
−1	−0	−1	−6	−5
9	7	8	6	9
−1	−6	−4	−5	−0

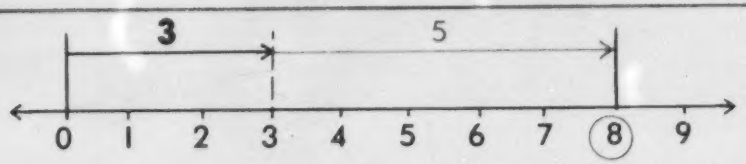
Escreve no ☐ o numeral correcto.



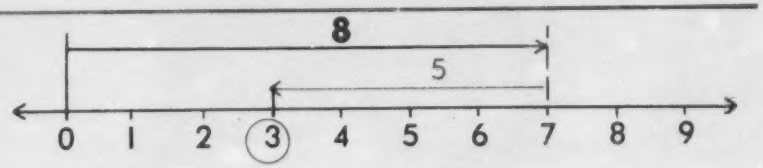
$2+4=$ ☐ 6



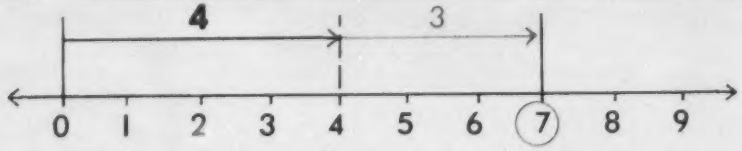
$6-4=$ ☐ 2



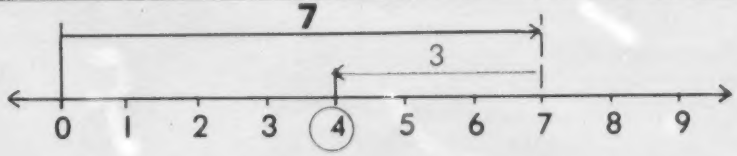
$3+5=$ ☐



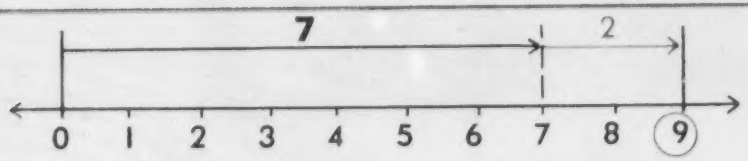
$8-5=$ ☐



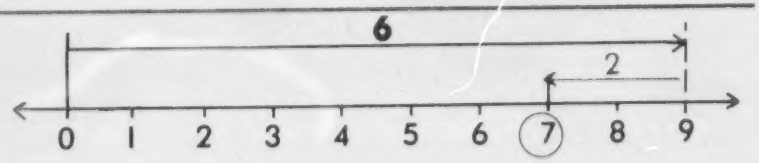
$4+3=$ ☐



$7-3=$ ☐



$7+2=$ ☐



$9-2=$ ☐

Adição e subtracção são operações inversas.

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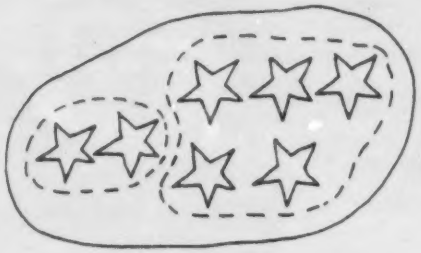
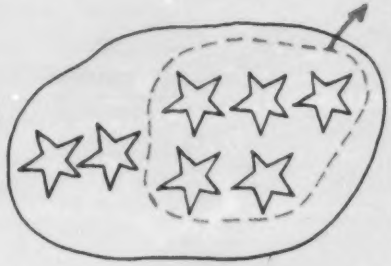
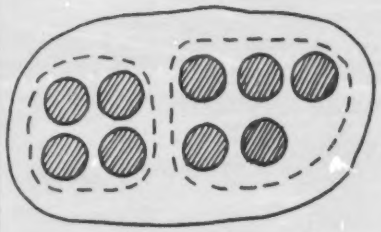
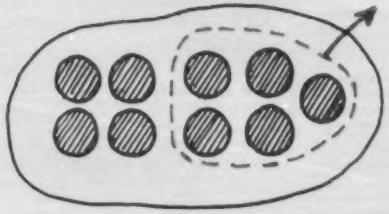
Escreve no ☐ o numeral correcto.









$$\begin{array}{r} 2 \\ +5 \\ \hline \square \end{array} \qquad \begin{array}{r} 7 \\ -5 \\ \hline \square \end{array} \qquad \begin{array}{r} 4 \\ +5 \\ \hline \square \end{array} \qquad \begin{array}{r} 9 \\ -5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 4 \\ +2 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ -2 \\ \hline \square \end{array} \qquad \begin{array}{r} 5 \\ +3 \\ \hline \square \end{array} \qquad \begin{array}{r} 8 \\ -3 \\ \hline \square \end{array} \qquad \begin{array}{r} 5 \\ +1 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ -1 \\ \hline \square \end{array} \qquad \begin{array}{r} 7 \\ +2 \\ \hline \square \end{array} \qquad \begin{array}{r} 9 \\ -2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 3 \\ +4 \\ \hline \square \end{array} \qquad \begin{array}{r} 7 \\ -4 \\ \hline \square \end{array} \qquad \begin{array}{r} 3 \\ +3 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ -3 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ +3 \\ \hline \square \end{array} \qquad \begin{array}{r} 9 \\ -3 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ +2 \\ \hline \square \end{array} \qquad \begin{array}{r} 8 \\ -2 \\ \hline \square \end{array}$$

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Adição e subtracção são operações inversas.

Escreve no □ o numeral correcto. Pinta a teu gosto.

$6 - \square = 1$

$6 - \square = 4$

$\square - 3 = 3$

$6 - \square = 2$

$\square - 0 = 6$

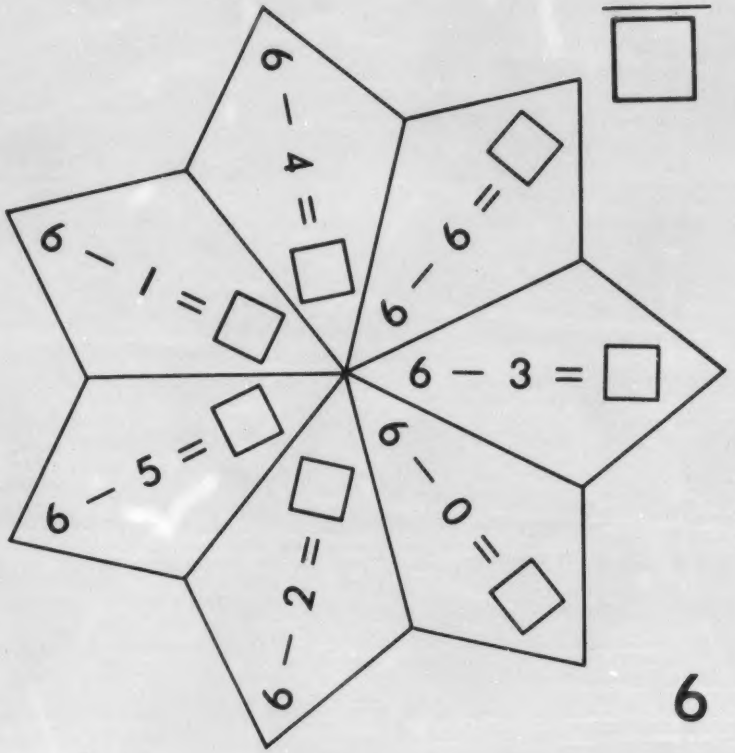
$6 - \square = 5$

$6 - \square = 0$

$\square - 4 = 2$

$6 - \square = 3$

$6 - \square = 6$



$$\begin{array}{r} 6 \\ -0 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ -5 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ -2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ -6 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ -4 \\ \hline \square \end{array} \qquad \begin{array}{r} 6 \\ -1 \\ \hline \square \end{array}$$

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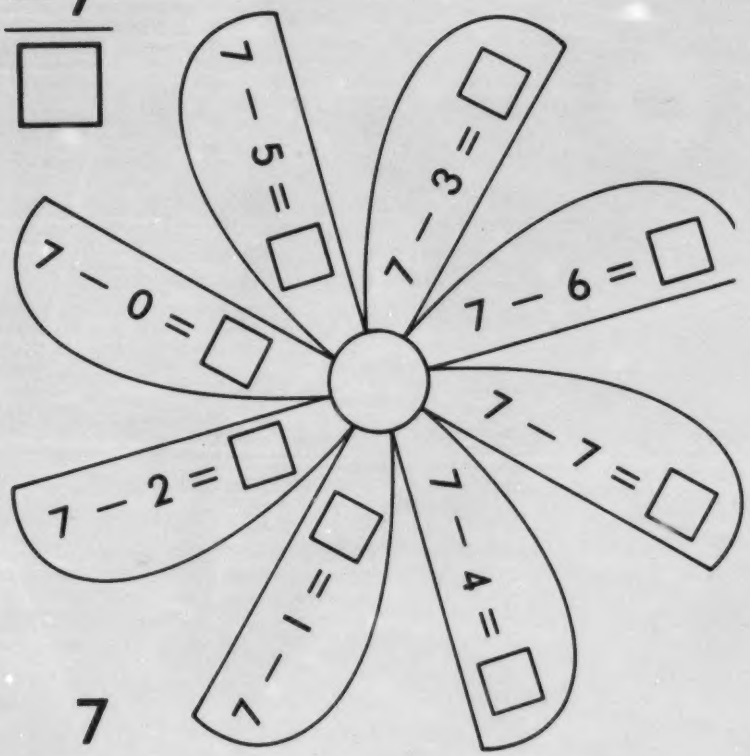
Diferenças de seis.

Escreve no □ o numeral correcto. Pinta a teu gosto.

$$\begin{array}{rrr} 7 & 7 & 7 \\ -1 & -5 & -7 \\ \hline \square & \square & \square \end{array}$$

$$\begin{array}{rr} 7 & 7 \\ -3 & -2 \\ \hline \square & \square \end{array}$$

$$\begin{array}{rrr} 7 & 7 & 7 \\ -4 & -0 & -6 \\ \hline \square & \square & \square \end{array}$$

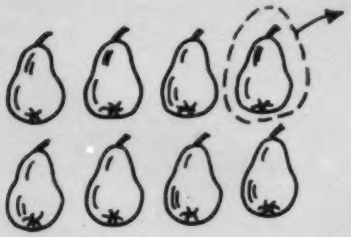


$$7 - \square = 3$$
$$7 - \square = 7$$
$$7 - \square = 1$$
$$\square - 7 = 0$$
$$7 - \square = 2$$
$$7 - \square = 6$$
$$7 - \square = 4$$
$$\square - 5 = 2$$
$$7 - \square = 0$$
$$7 - \square = 5$$

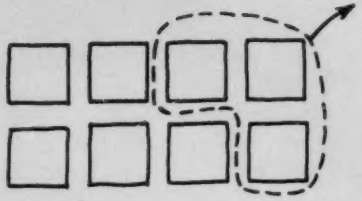
109

Diferenças de sete.

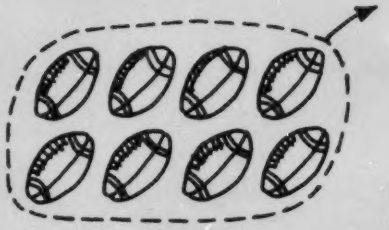
Escreve no ☐ o numeral correcto.



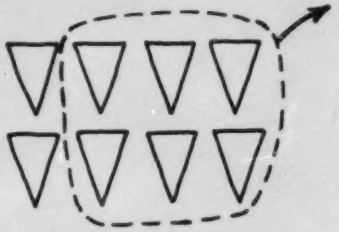
8 − 1 = 7



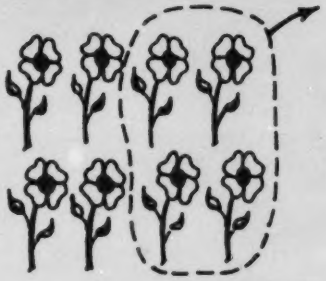
8 − 3 = ☐



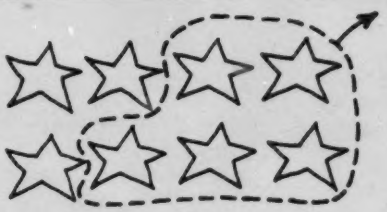
8 − 8 = ☐



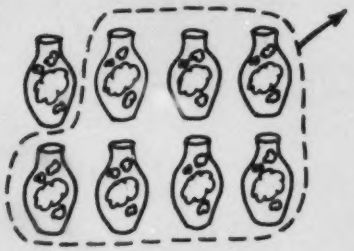
8 − 6 = ☐



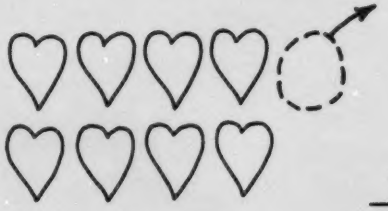
8 − 4 = ☐



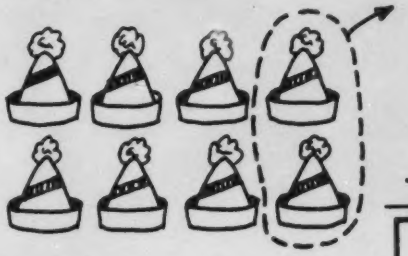
8 − 5 = ☐



8 − 7 = ☐



8 − 0 = ☐



8 − 2 = ☐

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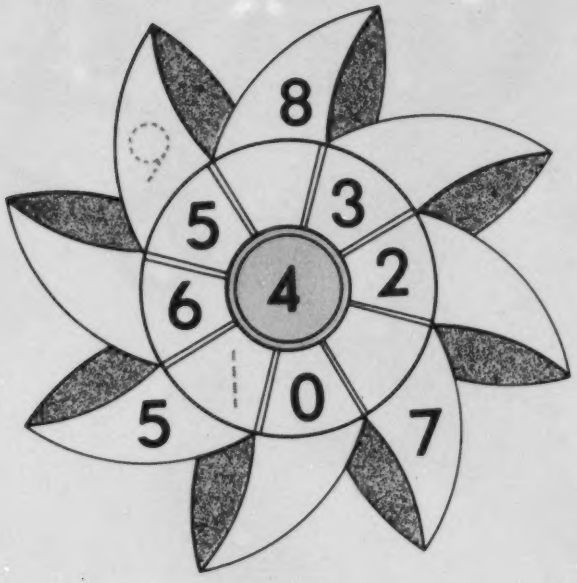
Escreve no ☐ o numeral correcto.

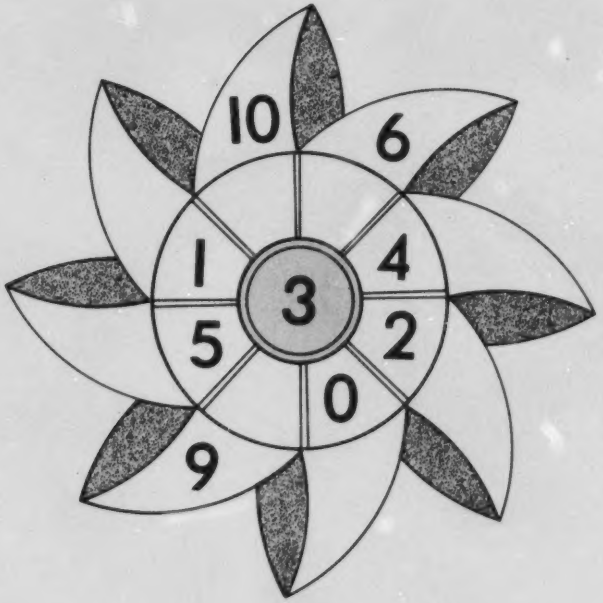
9 − 1 = ☐	9 − ☐ = 8	☐ − 1 = 8
9 − 5 = ☐	9 − ☐ = 4	☐ − 5 = 4
9 − 3 = ☐	9 − ☐ = 6	☐ − 3 = 6
9 − 9 = ☐	9 − ☐ = 0	☐ − 9 = 0
9 − 4 = ☐	9 − ☐ = 5	☐ − 4 = 5
9 − 2 = ☐	9 − ☐ = 7	☐ − 2 = 7
9 − 0 = ☐	9 − ☐ = 9	☐ − 0 = 9
9 − 6 = ☐	9 − ☐ = 3	☐ − 6 = 3
9 − 8 = ☐	9 − ☐ = 1	☐ − 8 = 1
9 − 7 = ☐	9 − ☐ = 2	☐ − 7 = 2

111

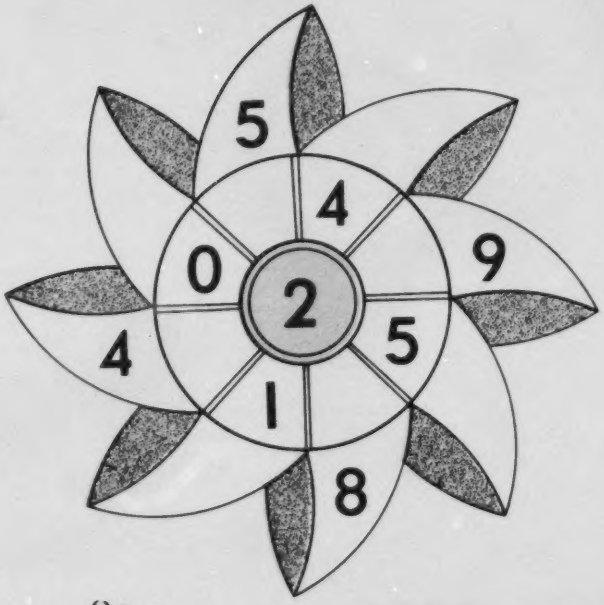
Soma.

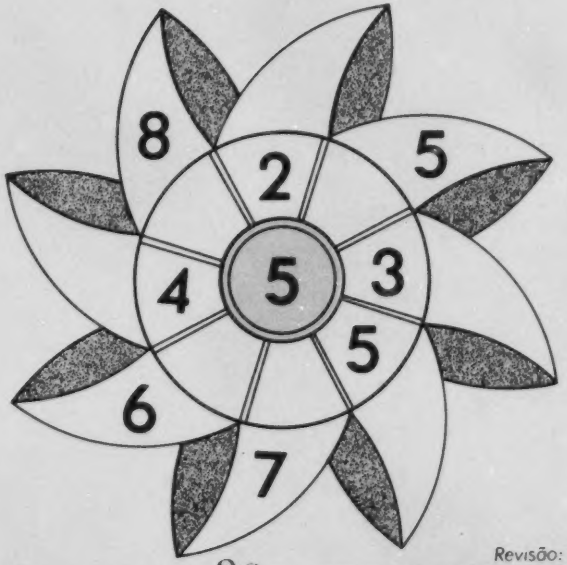


231



232





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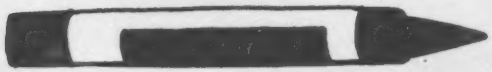
Escreve no □ o numeral correcto.

3	5	8	6	7	8	4
+2	+4	−2	−5	+2	−3	+3
□	□	□	□	□	□	□
9	7	9	8	7	5	3
−8	+1	−2	−5	−4	+5	−2
□	□	□	□	□	□	□

3 + 1 = □	2 + 4 = □	9 − 7 = □
5 − 2 = □	7 − 1 = □	8 − 1 = □
6 + 3 = □	3 + 6 = □	3 + 4 = □
2 + 6 = □	5 − 4 = □	1 + 8 = □
7 − 6 = □	3 − 3 = □	7 − 5 = □
8 − 4 = □	6 − 1 = □	6 − 4 = □

Mais comprido

Faz um X sobre o objecto mais comprido.



Identificar qual de dois objectos é mais comprido.

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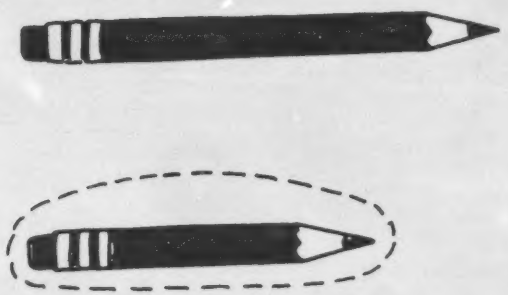
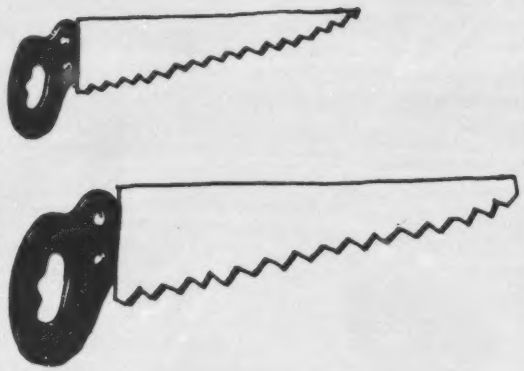
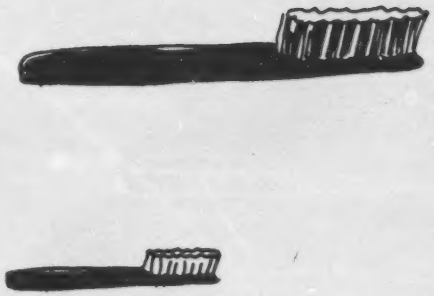
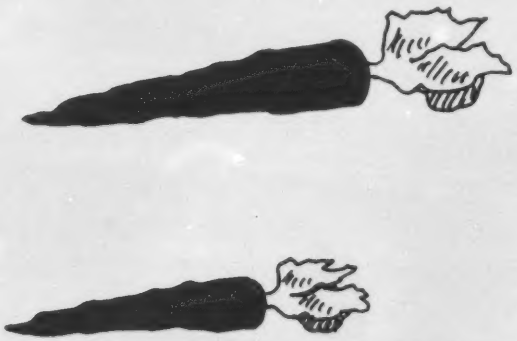
Mais curto

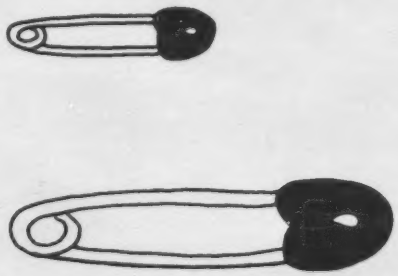
Circunda o objecto mais curto.

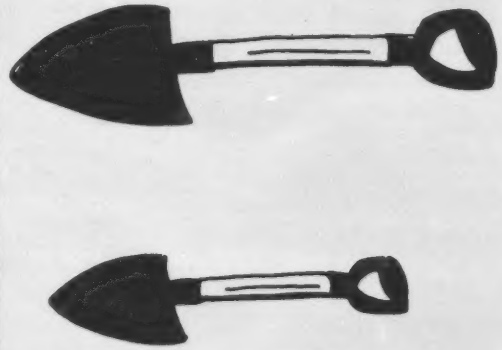












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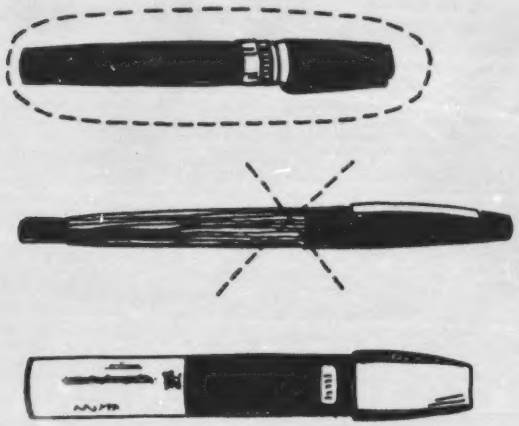
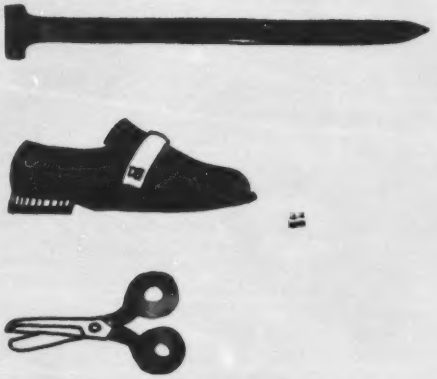
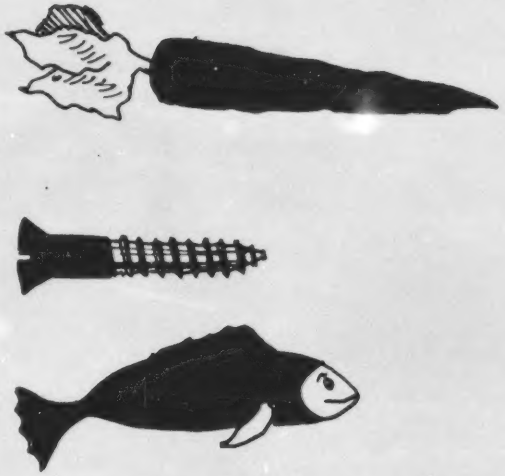
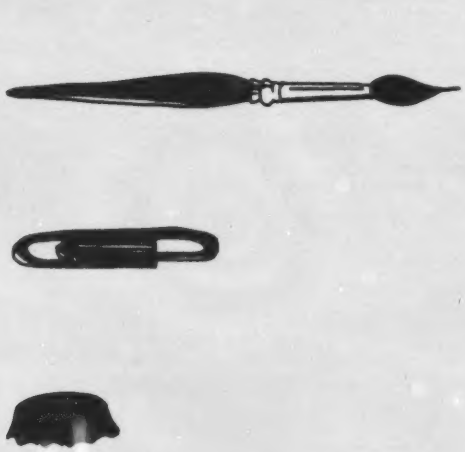
Identificar qual de dois objectos é mais curto.

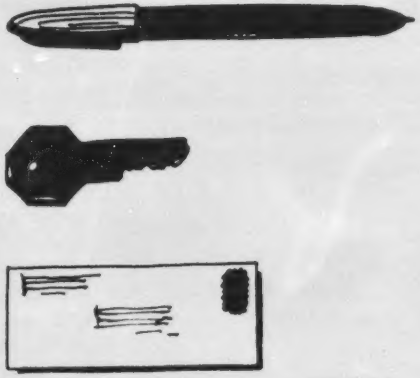
Faz um X sobre o objecto mais comprido.
Circunda o objecto mais curto.

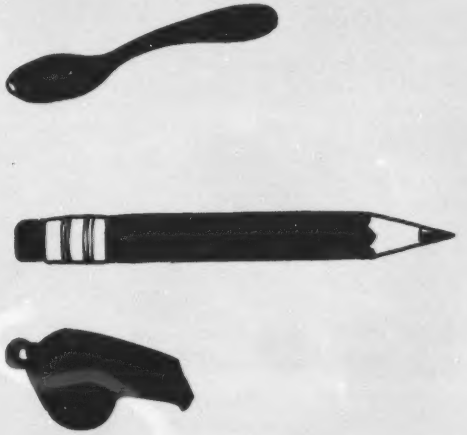












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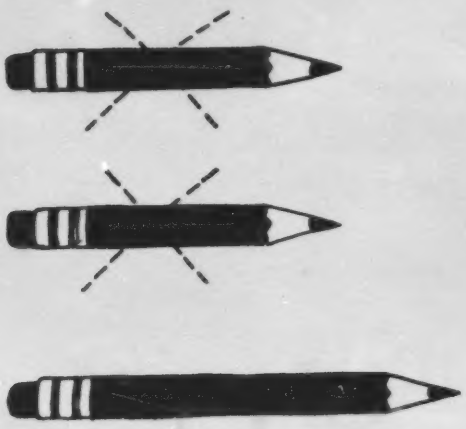
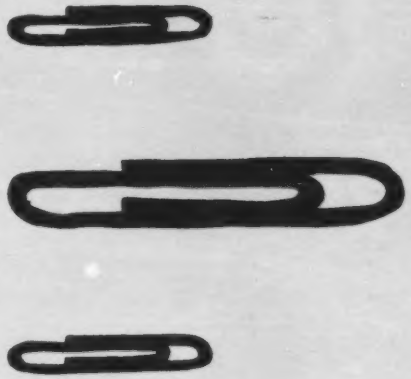
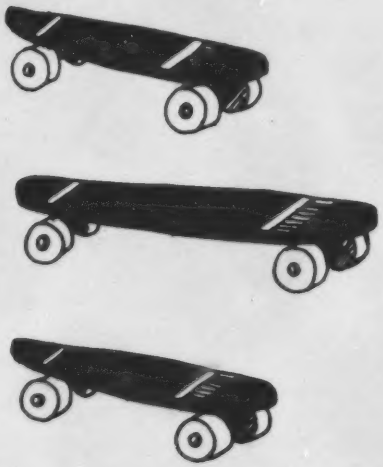
Comparar objectos e identificar o mais comprido e o mais curto.

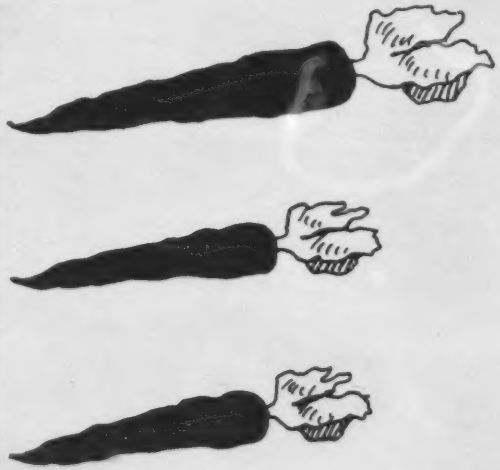
Mesmo comprimento

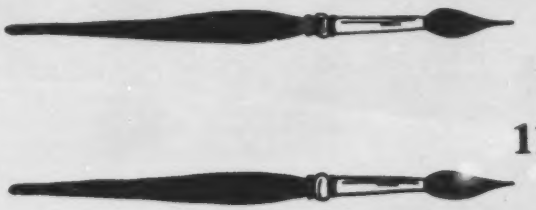
Faz um X sobre os objectos que são do mesmo comprimento.

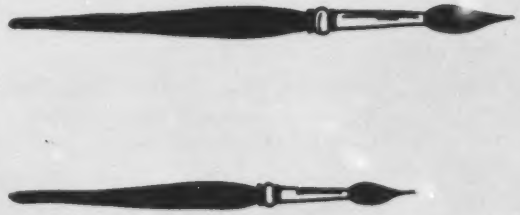






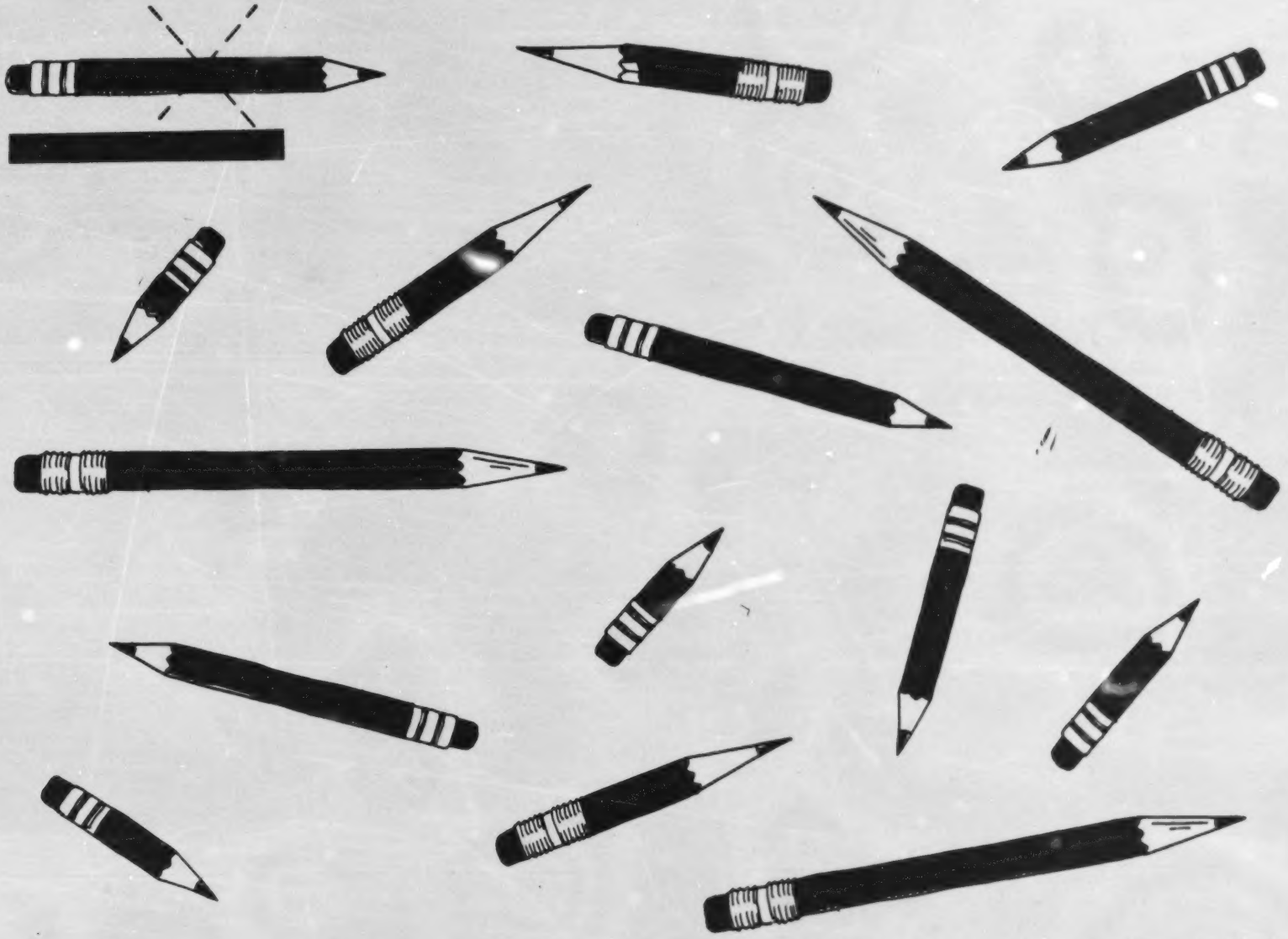






Comparar objectos e identificar os que têm o mesmo comprimento.

Faz um X sobre os 's mais compridos do que



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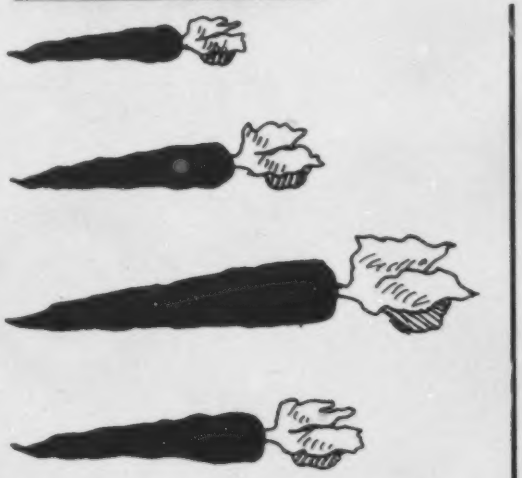
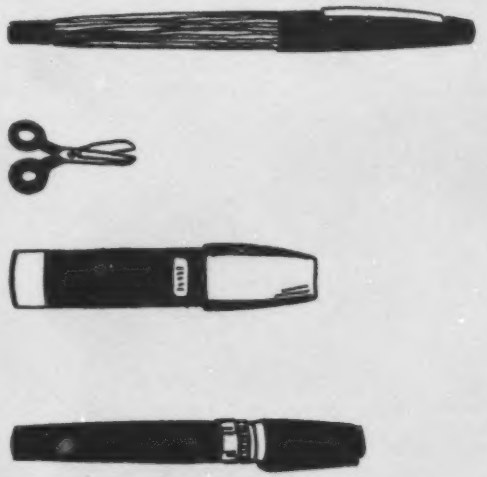
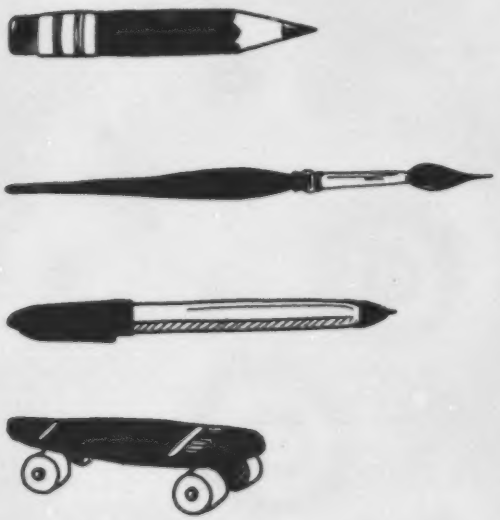
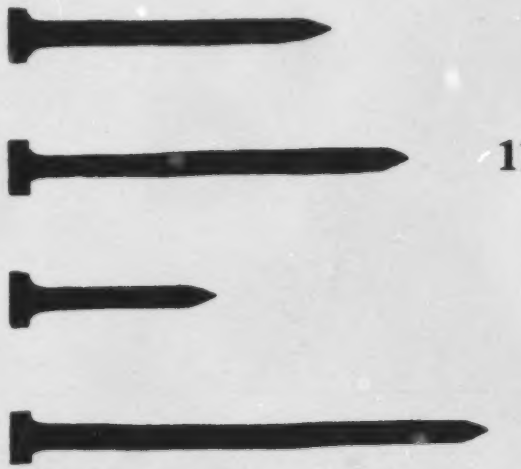
Revisão: Comparar o comprimento de objectos com uma medida estabelecida.

Faz um X sobre o objecto mais curto; um ✓ sobre o mais comprido; circunda o do mesmo comprimento que [redacted].





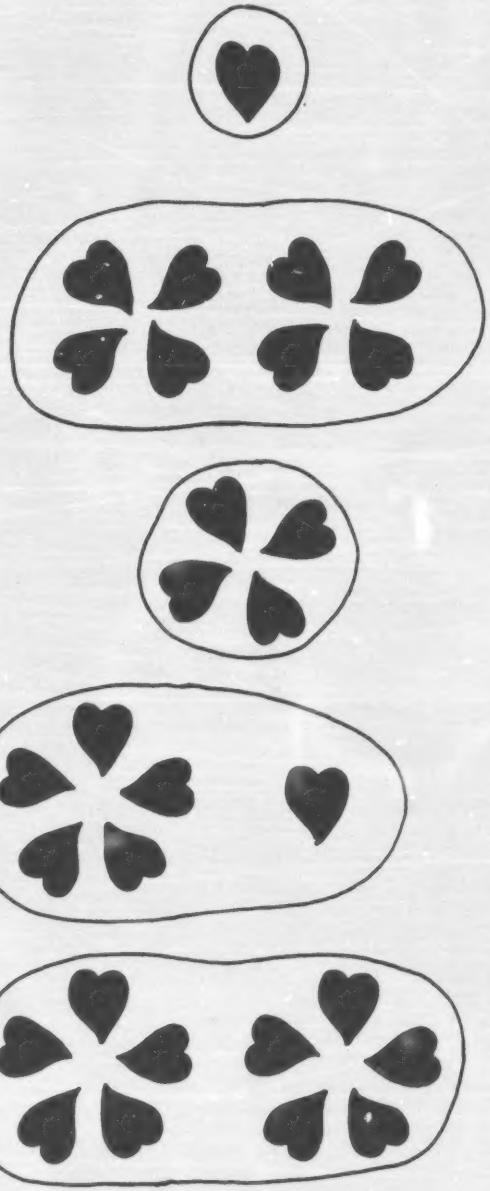




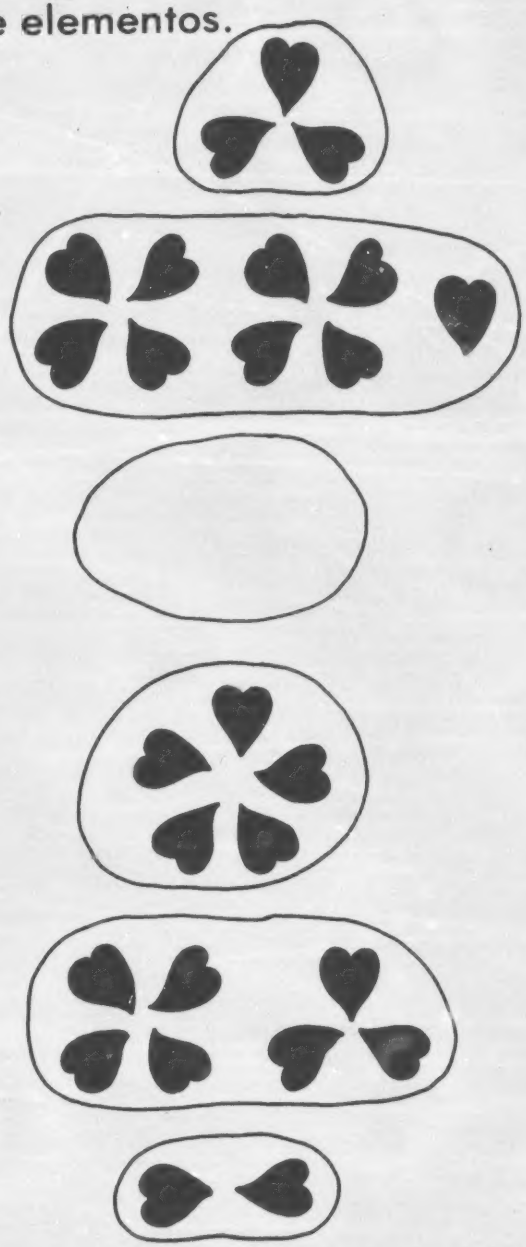
Avaliação: Comparar objectos em relação ao comprimento.

Numeração

Liga o numeral ao conjunto que contém esse número de elementos.



0
1
2
3
4
5
6
7
8
9
10



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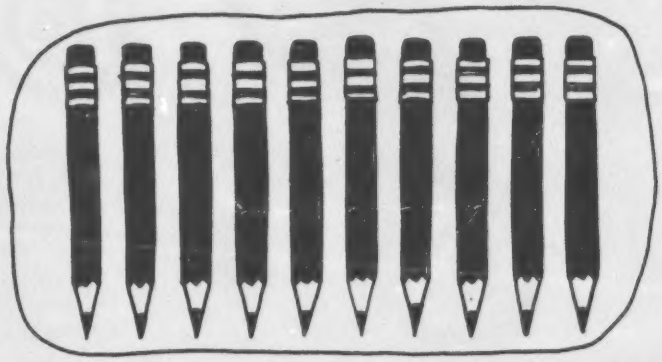
Ligar os numerais (0-10) ao conjunto apropriado de objectos.

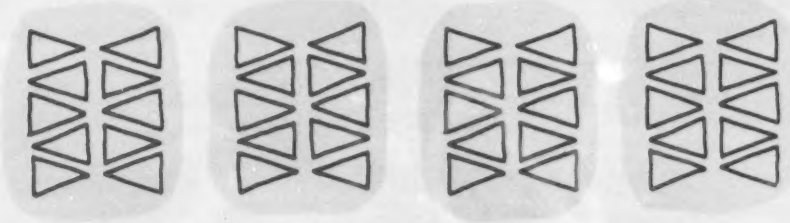
Escreve no ☐ o número de dezenas em cada conjunto.



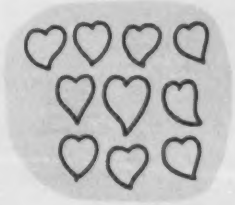
conjunto de 10 lápis = 1 dezena de lápis

☐ dezenas

☐ dezenas



☐ dezenas



☐ dezena

Apresentar a dezena como um conjunto de 10 elementos.

Completa com os numerais que faltam.

1 dezena 0 unidades

10

1 dezena ____unidade

10 + ____ = ☐

1 dezena ____unidades

10 + ____ = ☐

1 dezena ____unidades

10 + ____ = ☐

1 dezena ____unidades

10 + ____ = ☐

122

1 dezena ____unidades

10 + ____ = ☐

1 dezena ____unidades

10 + ____ = ☐

1 dezena ____unidades

10 + ____ = ☐

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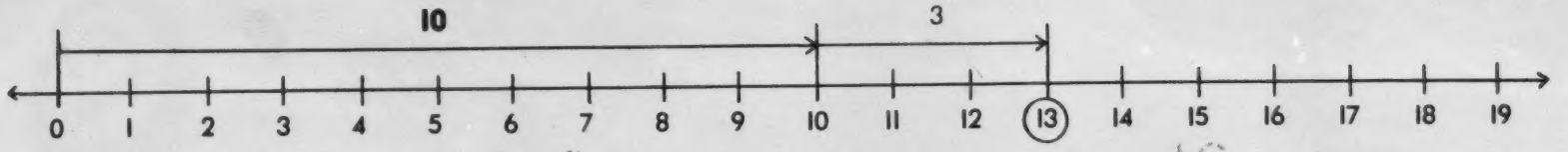
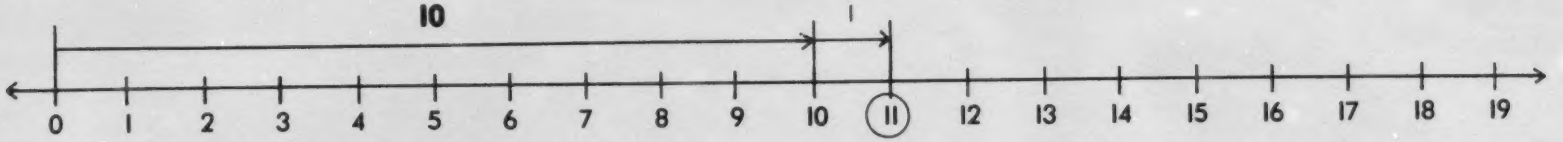
Identificar uma dezena e várias unidades.

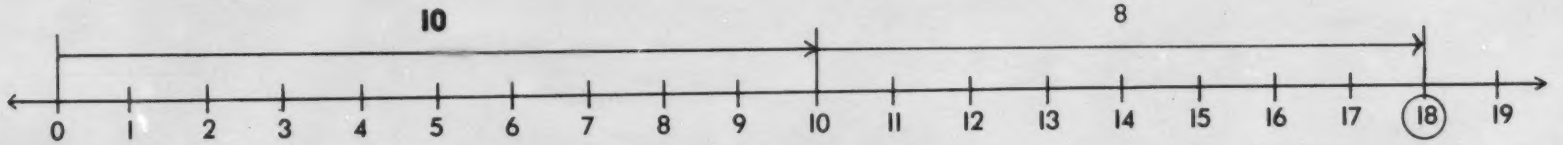
Completa com os numerais que faltam.



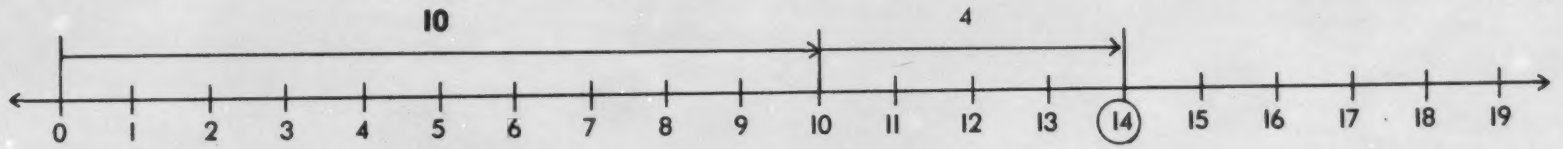
1 dezena e 3 unidades $10+3=13$



1 dezena e ____ unidade $10+1=$ ____



1 dezena e ____ unidades $10+8=$ ____



1 dezena e ____ unidades $10+4=$ ____

Relacionar os números (11-19) à linha numerada.

Escreve no o numeral correcto.

1 dezena e 3 unidades é	13		17 é igual a	1 dezena e 7	unidades
1 dezena e 8 unidades é			15 é igual a	dezena e	unidades
1 dezena e 2 unidades é			18 é igual a	dezena e	unidades
1 dezena e 0 unidades é			10 é igual a	dezena e	unidades
1 dezena e 5 unidades é			13 é igual a	dezena e	unidades
1 dezena e 9 unidades é			11 é igual a	dezena e	unidade
1 dezena e 1 unidade é			16 é igual a	dezena e	unidades
124 1 dezena e 7 unidades é			12 é igual a	dezena e	unidades
1 dezena e 4 unidades é			19 é igual a	dezena e	unidades
1 dezena e 6 unidades é			14 é igual a	dezena e	unidades

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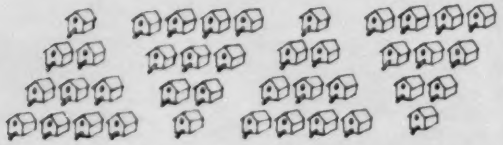
Completa com os numerais que faltam.

1 dezena e 0 unidades

10

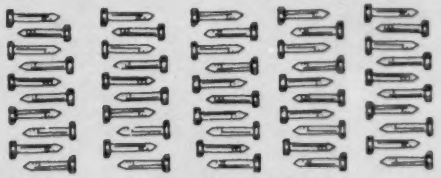
3 dezenas e 0 unidades

30



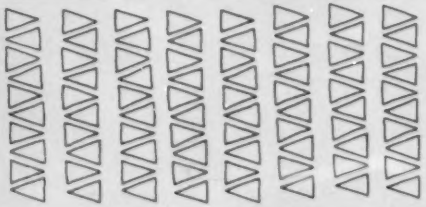
___ dezenas e___ unidades

___



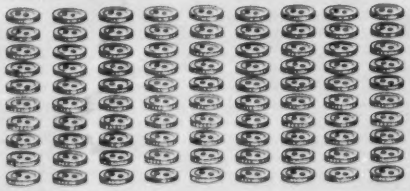
___ dezenas e___ unidades

___



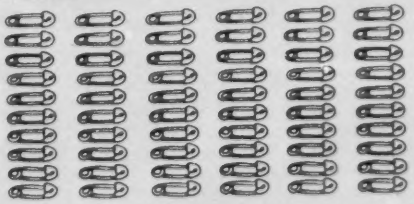
___ dezenas e___ unidades

___



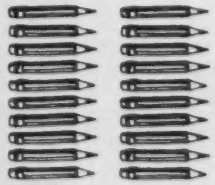
___ dezenas e___ unidades

___



___ dezenas e___ unidades

___



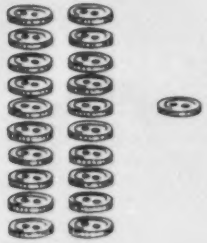
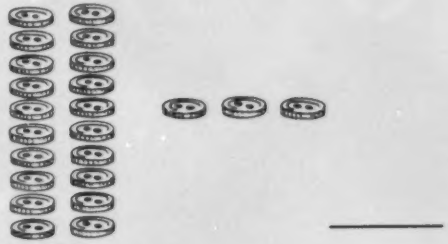
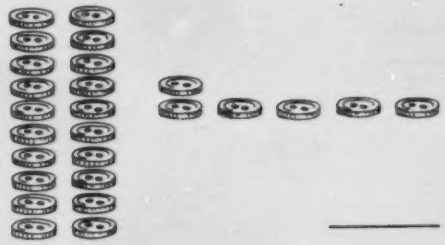
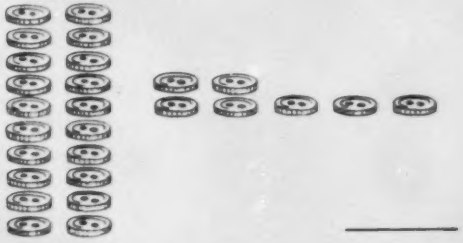
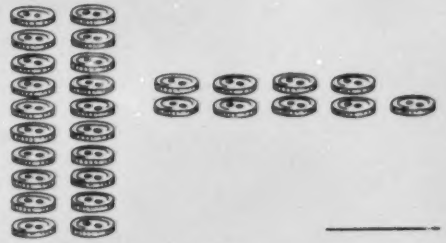
___ dezenas e___ unidades

___

125

Identificar o número de dezenas de um conjunto.

Completa com os numerais que faltam.

1 dezena e 10 unidades	2 dezenas	2 dezenas e 0 unidades 20
 21		
		
		

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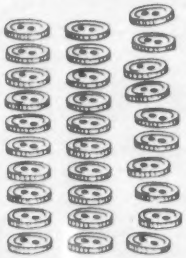
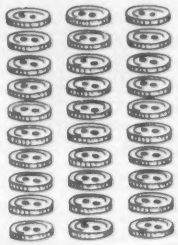
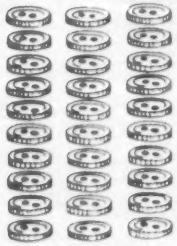
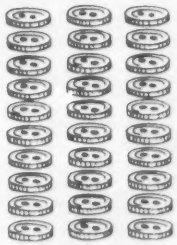
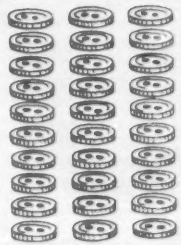
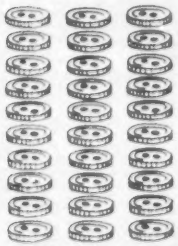
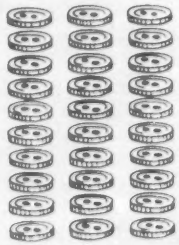
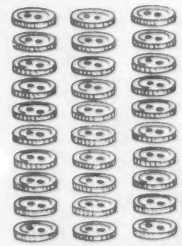
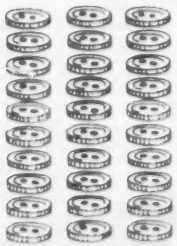
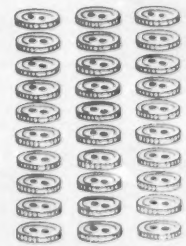
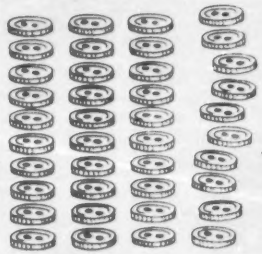
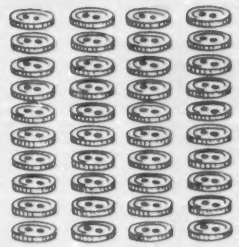
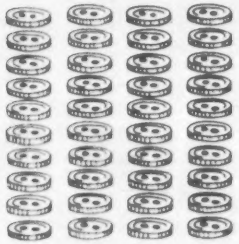
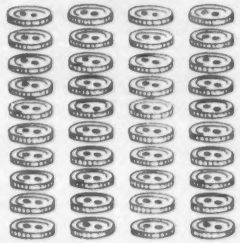
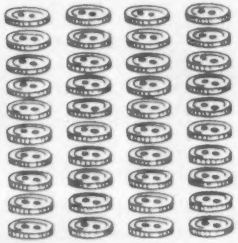
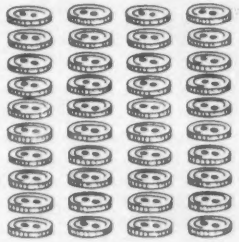
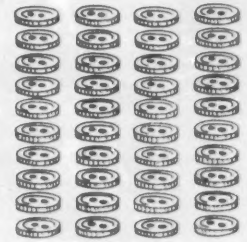
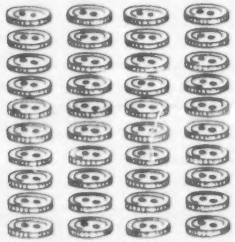
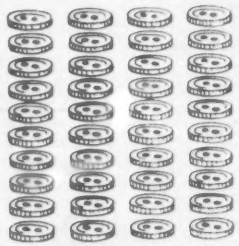
Numeração de 20-29

Completa com os numerais que faltam.

2 dezenas e 10 unidades	 3 dezenas	 3 dezenas e 0 unidades 30
 ___	 ___	 ___
 ___	 ___	 ___
 ___	___	 ___

Completa com os numerais que faltam.

3 dezenas e 10 unidades	 4 dezenas	 4 dezenas e 0 unidades 40
 ___	 ___	___
 ___	 ___	 ___
 ___	 ___	___

128

263

264

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Escreve no ☐ o numeral correcto.

4 dezenas e 5 unidades 45

3 dezenas e 7 unidades ☐

2 dezenas e 6 unidades ☐

1 dezena e 8 unidades ☐

3 dezenas e 9 unidades ☐

4 dezenas e 0 unidades ☐

2 dezenas e 3 unidades ☐

3 dezenas e 1 unidade ☐

1 dezena e 4 unidades ☐

4 dezenas e 2 unidades ☐

Escrever o número de dezenas e unidades equivalente a um numeral.

34 é igual a 3 dezenas e 4 unidades

30 é igual a ☐ dezenas e ☐ unidades

45 é igual a ☐ dezenas e ☐ unidades

23 é igual a ☐ dezenas e ☐ unidades

17 é igual a ☐ dezena e ☐ unidades

28 é igual a ☐ dezenas e ☐ unidades

41 é igual a ☐ dezenas e ☐ unidade

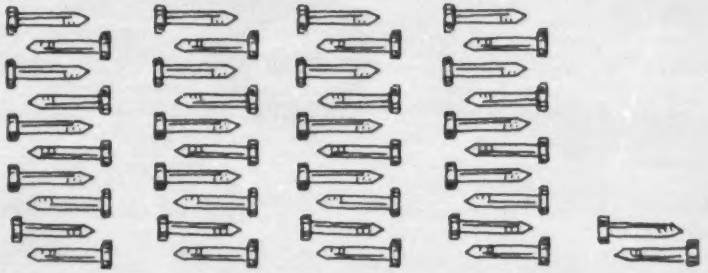
32 é igual a ☐ dezenas e ☐ unidades

26 é igual a ☐ dezenas e ☐ unidades

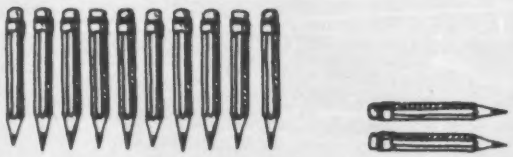
49 é igual a ☐ dezenas e ☐ unidades

Circunda o numeral correcto.

23 32



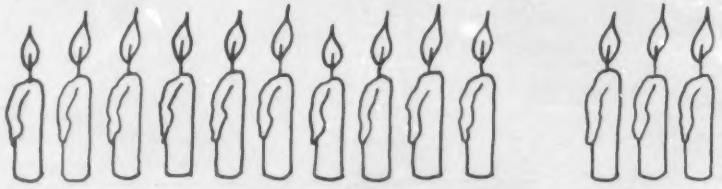
42 24



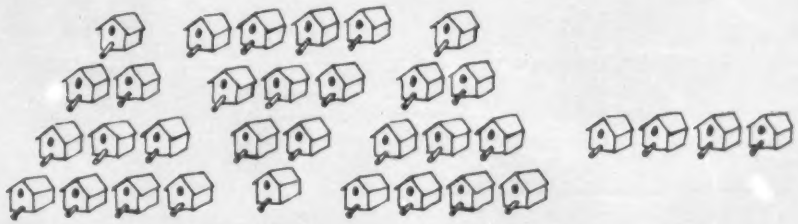
21 12

14 41

130



31 13



34 43

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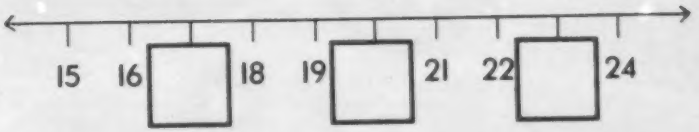
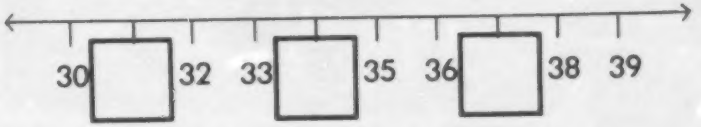
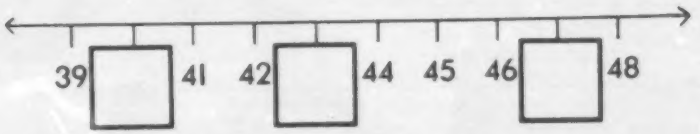
Completa com o numeral correcto.

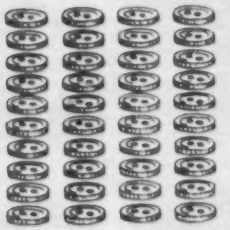
21, 22, 23	___, 10, 11
36, 37, ___	___, 34, 35
44, 45, ___	___, 25, 26
39, 40, ___	___, 40, 41
16, ___, 18	28, 29, ___
23, ___, 25	34, 35, ___
31, ___, 33	9, 10, ___
___, 30, 31	28, ___, 30
___, 47, 48	19, ___, 21
___, 18, 19	38, ___, 40



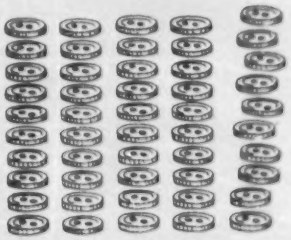




Completa com os numerais que faltam.

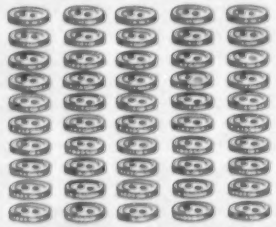


4 dezenas e
10 unidades

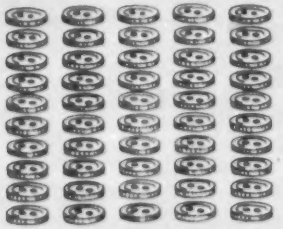


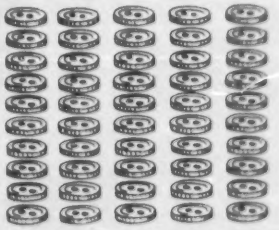
5 dezenas

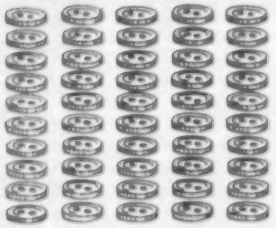
5 dezenas e 0 unidades

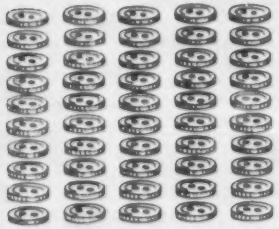


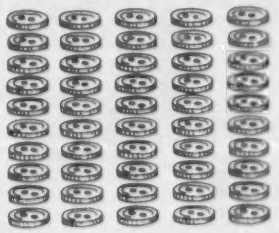
50

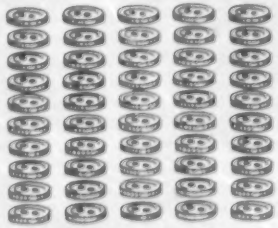


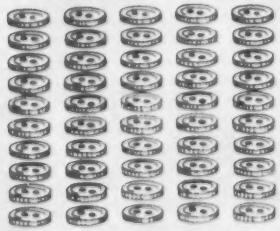


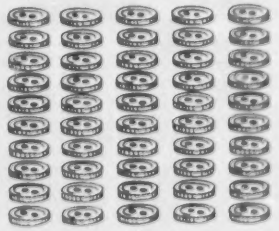


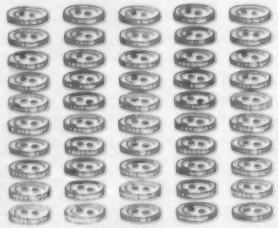












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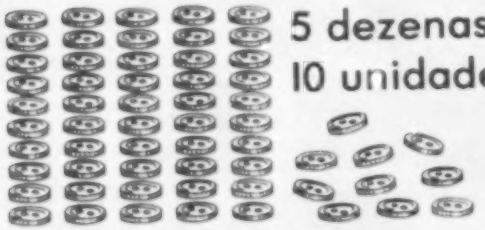
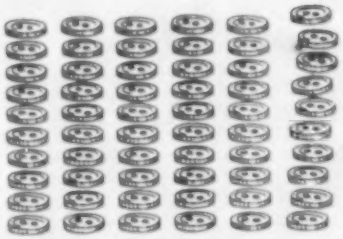
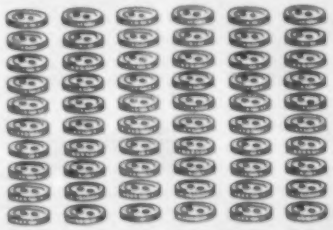
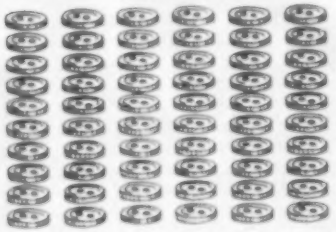
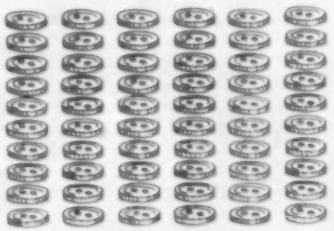
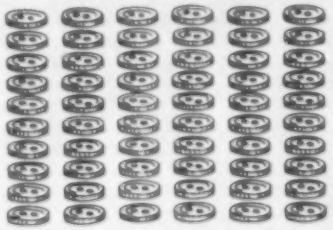
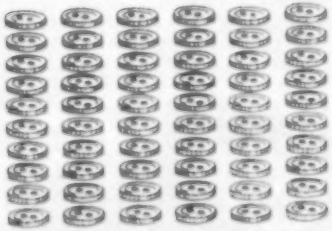
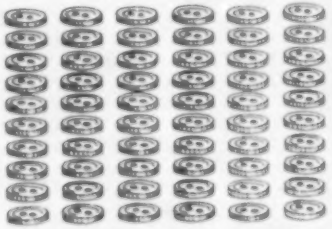
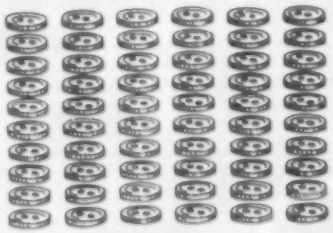
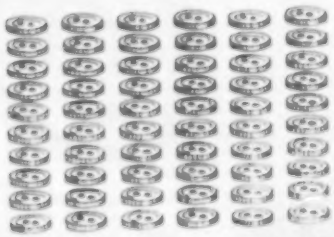
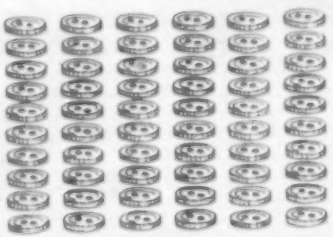
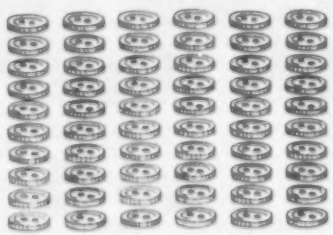
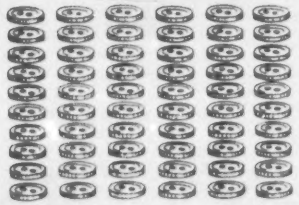
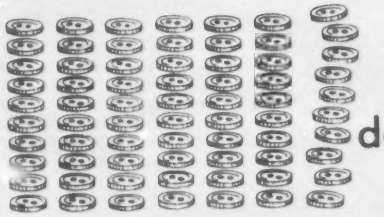
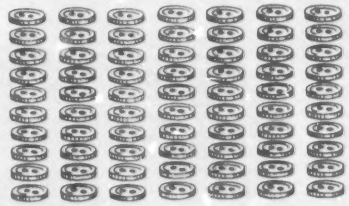
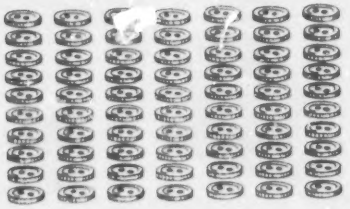
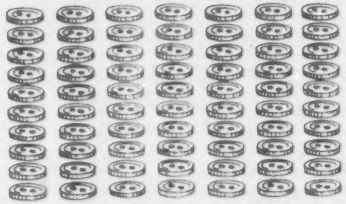
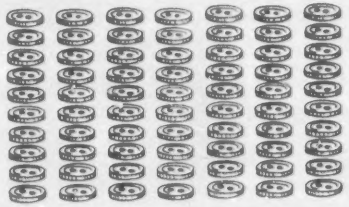
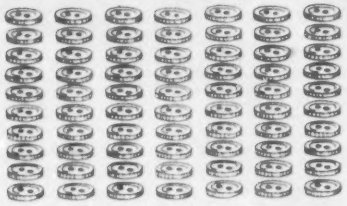
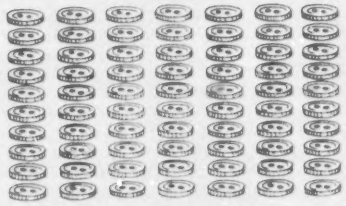
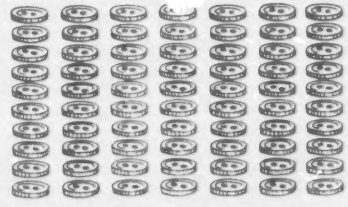
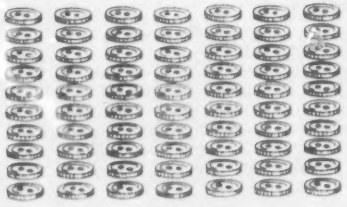
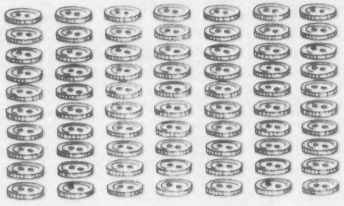
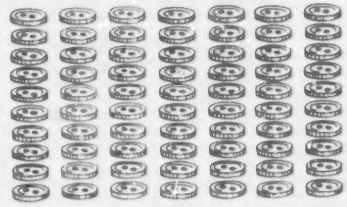
Completa com os numerais que faltam.

 5 dezenas e 10 unidades	 6 dezenas	 6 dezenas e 0 unidades 60
 ____	 ____	 ____
 ____	 ____	 ____
 ____	 ____	 ____

Numeração de 60-69

Completa com os numerais que faltam.

 6 dezenas e 10 unidades	 7 dezenas	7 dezenas e 0 unidades  70
 ___	 ___	 ___
 ___	 ___	 ___
 ___	 ___	 ___

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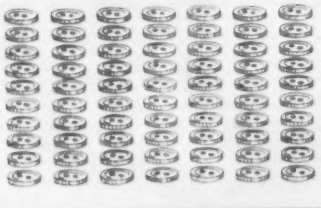
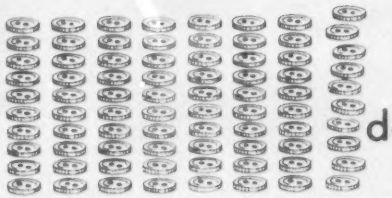
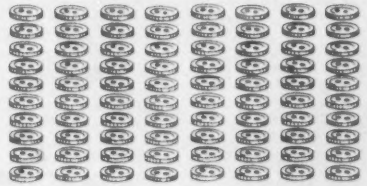
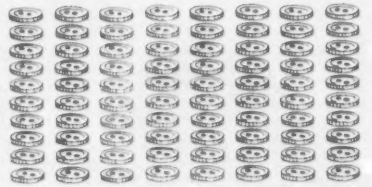
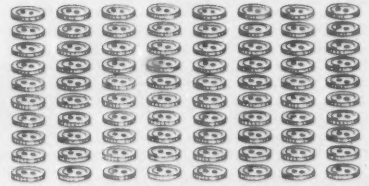
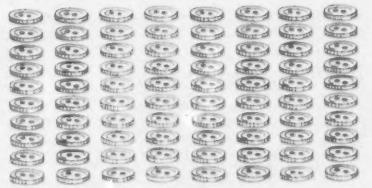
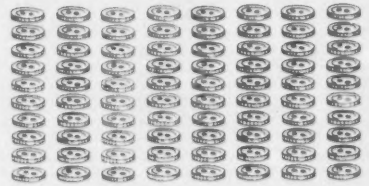
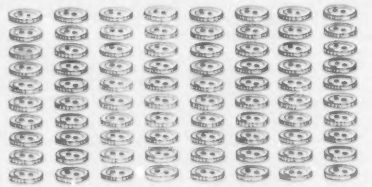
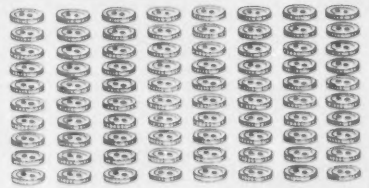
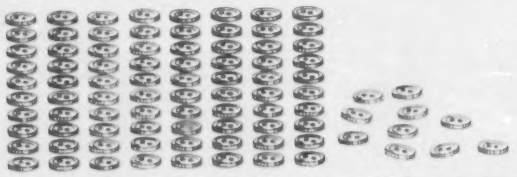
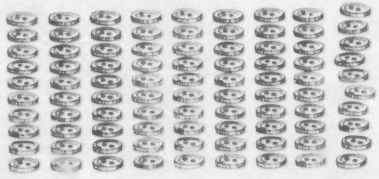
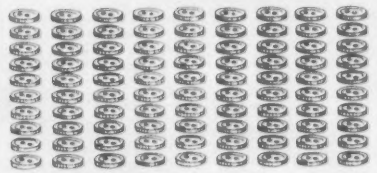
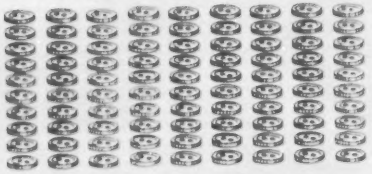
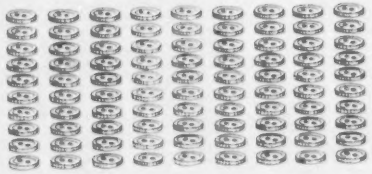
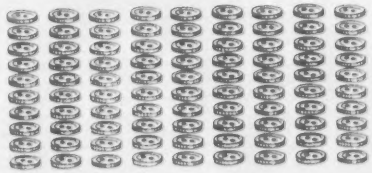
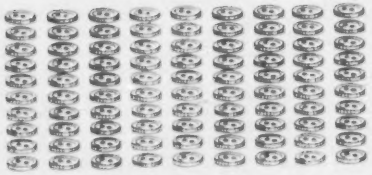
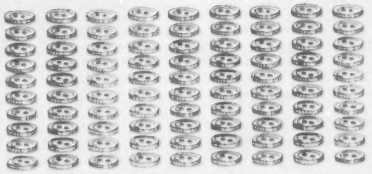
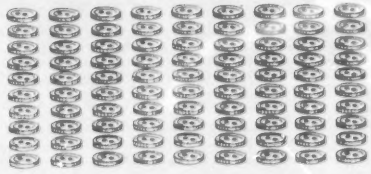
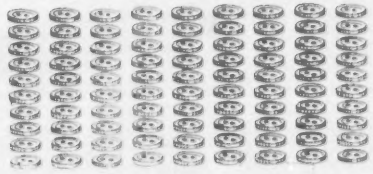
Completa com os numerais que faltam.

 7 dezenas e 10 unidades	 8 dezenas	 8 dezenas e 0 unidades
___	 ___	 ___
___	 ___	 ___
___	 ___	 ___

135

Completa com os numerais que faltam.

8 dezenas e 10 unidades	9 dezenas	9 dezenas e 0 unidades
		 90
 ____	 ____	 ____
 ____	 ____	 ____
____	____	 ____

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Completa com os numerais que faltam.

35	36	___	___	___	___	___	___	___	___
53	___	___	___	57	___	___	___	___	___
45	46	___	___	___	___	___	___	___	___
61	___	63	___	___	___	___	___	___	___
73	___	___	___	77	___	___	___	___	___
79	___	___	___	___	___	___	___	___	88
87	88	___	___	___	___	___	___	___	___

Completar sequências numéricas de 0 a 99.

Escreve $>$ ou $<$ em cada ◯ .

45 ◯ 54

36 ◯ 23

32 ◯ 23

48 ◯ 84

18 ◯ 28

83 ◯ 38

56 ◯ 65

12 ◯ 21

35 ◯ 53

98 ◯ 89

30 ◯ 40

50 ◯ 30

31 ◯ 37

80 ◯ 60

47 ◯ 46

85 ◯ 58

67 ◯ 76

43 ◯ 34

31 ◯ 13

25 ◯ 52

58 ◯ 53

27 ◯ 72

19 ◯ 20

48 ◯ 84

74 ◯ 47

69 ◯ 70

50 ◯ 60

24 ◯ 42

81 ◯ 18

49 ◯ 50

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Escreve no ☐ o numeral correcto.

17 é igual a ☐ dezena e ☐ unidades

21 é igual a ☐ dezenas e ☐ unidade

30 é igual a ☐ dezenas e ☐ unidades

45 é igual a ☐ dezenas e ☐ unidades

52 é igual a ☐ dezenas e ☐ unidades

68 é igual a ☐ dezenas e ☐ unidades

73 é igual a ☐ dezenas e ☐ unidades

89 é igual a ☐ dezenas e ☐ unidades

96 é igual a ☐ dezenas e ☐ unidades

94 é igual a ☐ dezenas e ☐ unidades

$10 + 7 = \square$

$20 + 1 = \square$

$30 + 0 = \square$

$40 + 5 = \square$

$90 + 4 = \square$

$50 + 2 = \square$

$60 + 8 = \square$

$70 + 3 = \square$

$80 + 9 = \square$

$90 + 6 = \square$

Liga os pontos em ordem. Pinta a teu gosto.

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Revisão: Numeração de 0 a 99.

Escreve no ☐ e na ____ o numeral correcto.

45 é igual a____dezenas e____unidades

23 é igual a____dezenas e____unidades

87 é igual a____dezenas e____unidades

16 é igual a____dezena e____unidades

92 é igual a____dezenas e____unidades

38 é igual a____dezenas e____unidades

54 é igual a____dezenas e____unidades

98 é igual a____dezenas e____unidades

60 é igual a____dezenas e____unidades

71 é igual a____dezenas e____unidade

3 dezenas e 4 unidades ____

1 dezena e 9 unidades ____

8 dezenas e 1 unidade ____

6 dezenas e 5 unidades ____

4 dezenas e 0 unidades ____

$10 + 6 = \square$ $30 + 7 = \square$

$20 + 8 = \square$ $50 + 4 = \square$

$40 + 2 = \square$ $70 + 9 = \square$

$90 + 1 = \square$ $80 + 0 = \square$

$60 + 5 = \square$ $20 + 3 = \square$

Dinheiro

Penny

1¢

Nickel

5¢

Dime

10¢

Quarter

25¢

142

291

292

Dinheiro: moedas.

NEMIDC: Rhode Island College · Providence, R.I.

Escreve o numeral que indica o número de cêntimos.

1 Penny

1¢

5 Pennies

5¢

1 Nickel

5¢

2 ¢

___¢

___¢

___¢

___¢

___¢

143

Calcular o valor de um conjunto de moedas.

Escreve o numeral que indica o número de cêntimos.

10 Pennies

10¢

2 Nickels

10¢

1 Dime

10¢

____¢

____¢

____¢

144

____¢

____¢

____¢

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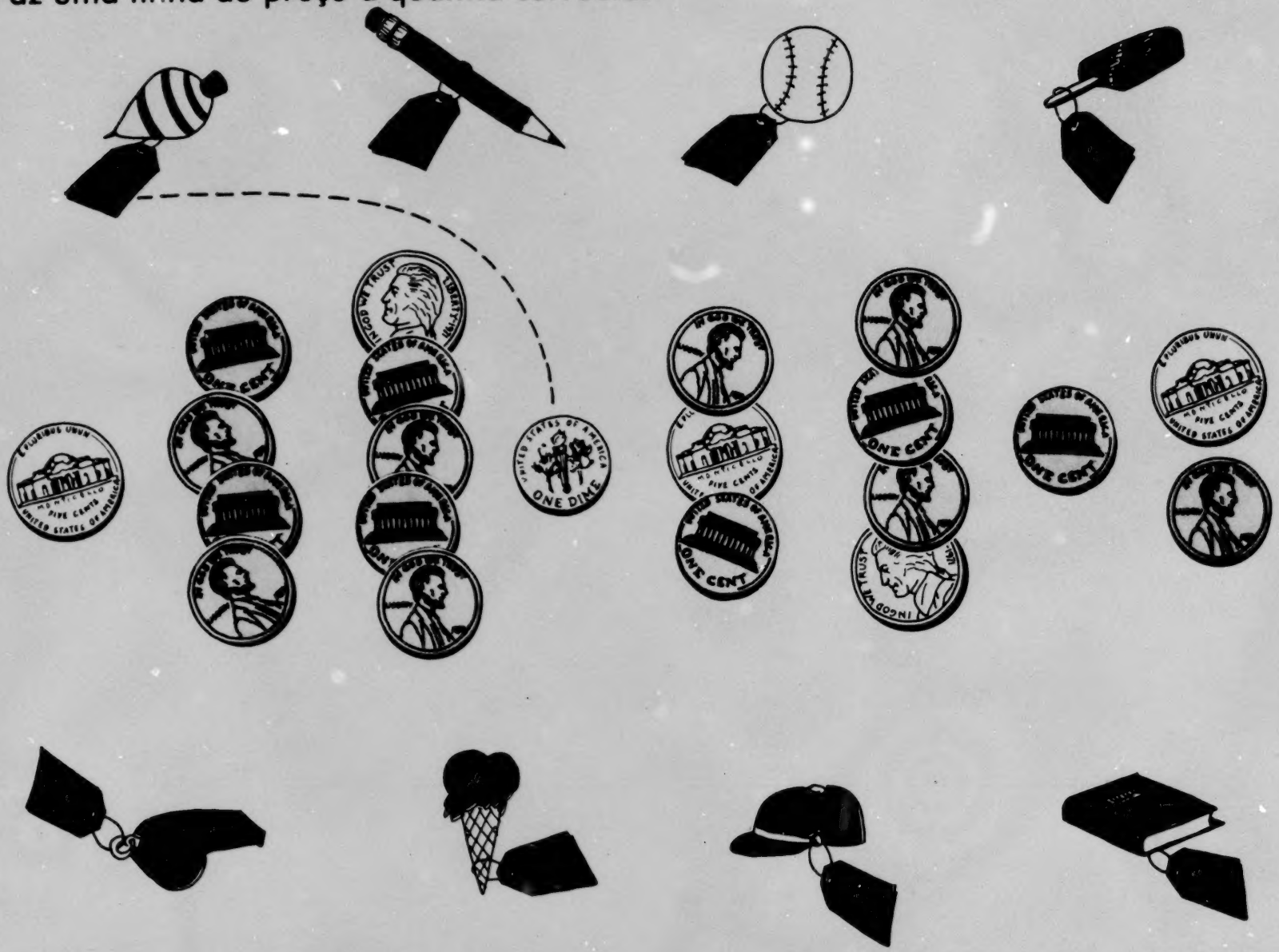
Calcular o valor de um conjunto de moedas.

Faz uma linha do preço à quantia correcta.



145

Relacionar o preço de um objecto com a colecção apropriada de moedas.

Escreve o numeral que indica o número de cêntimos.

$10+3=$ 13 13¢

$10+5=$ ☐ ___¢

$10+9=$ ☐ ___¢

$5+3=$ ☐ ___¢

$10+2=$ ☐ ___¢

$10+1=$ ☐ ___¢

$10+(5+2)=$ ☐ ___¢

$10+(10+3)=$ ☐ ___¢

$10+(10+5)=$ ☐ ___¢

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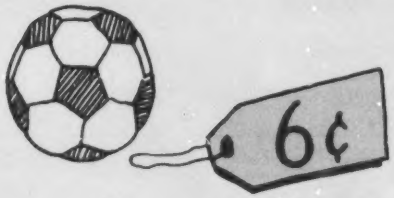
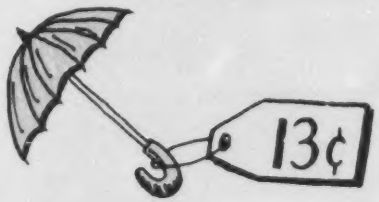
293 300

Adicionar usando moedas.

Circunda a quantia certa.

Preço	Moeda de pagamento	Troco
		
		

147

Subtrair usando moedas

301

302

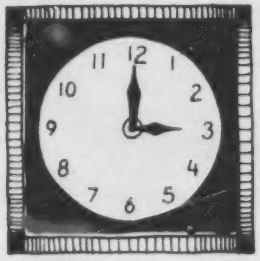
Horas

Escreve o numeral que indica a hora marcada em cada relógio.

7 horas

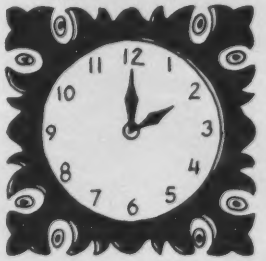
8 horas

11 horas



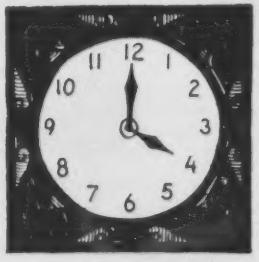
3 ____horas

____horas



____horas

____horas



____horas

____horas

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Dizer as horas.

Liga o relógio à hora. Escreve o numeral que indica a hora.

7 horas

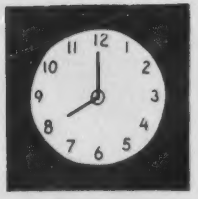
1 hora

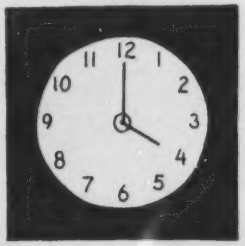
10 horas

3 horas

8 horas

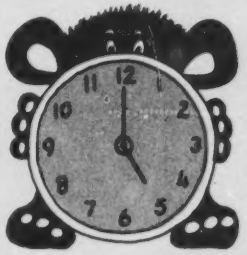
6 horas



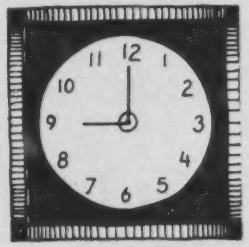


____horas

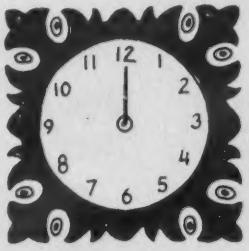
____horas



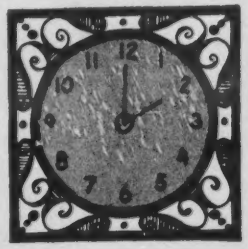
____horas



____horas



____horas



____horas

149

Dizer as horas.

Que horas são?

O ponteiro comprido está no 12.

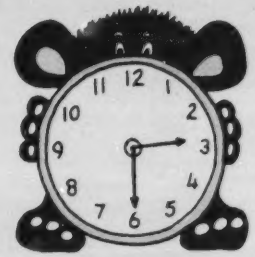
O ponteiro curto está no 2.

São 2:00

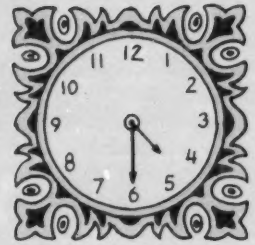
O ponteiro comprido está no 6.

O ponteiro curto está no meio do 2 e do 3.

São 2:30



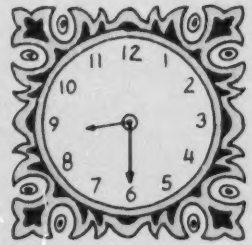
9:00 10:00 9:30



4:00 4:30 5:30

10:30 11:00 11:30

5:00 3:00 4:00



8:00 8:30 9:00

2:00 1:00 1:30

Identificar as horas e as horas e meia.

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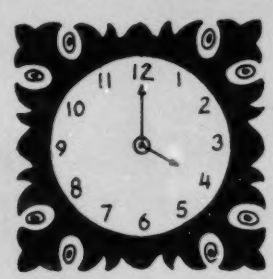
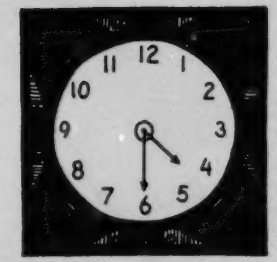
150

Escreve o numeral que indica as horas.

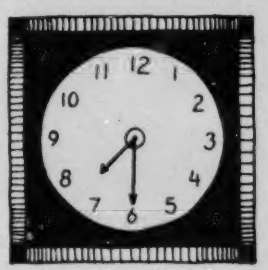
4 horas



4:30 horas

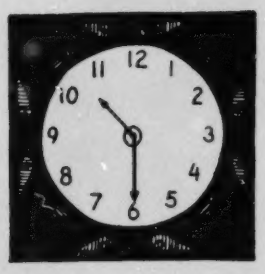


____horas

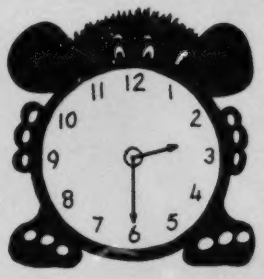


____horas

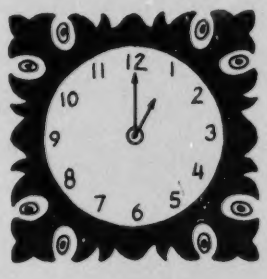
____horas



____horas



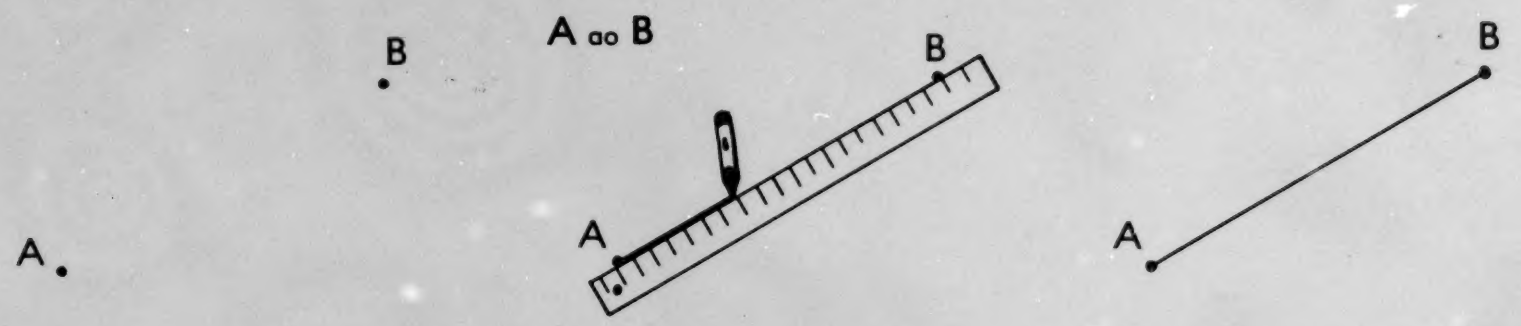
____horas



____hora

Dizer as horas e as horas e meia.

Com uma régua une os pontos.



A ao B
B ao C
C ao A
B
A
C

A ao B
B ao C
C ao D
D ao A
A
B
D
C

A ao B
B ao C
C ao D
D ao A
A ao C
D ao B
A
B
D
C

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152

A ao B
B ao C
C ao D
D ao E
E ao F
F ao A
B
C
A
D
F
E

A ao B
B ao C
C ao D
D ao E
E ao A
B
A
C
E
D

A ao B
B ao C
C ao D
D ao E
B
D
A
C
E

Comprimento

Qual é o comprimento de cada objecto. Usa um cartão deste tamanho ▬ .

___barra

___barras

___barras

___barras

___barras

___barras

___barra

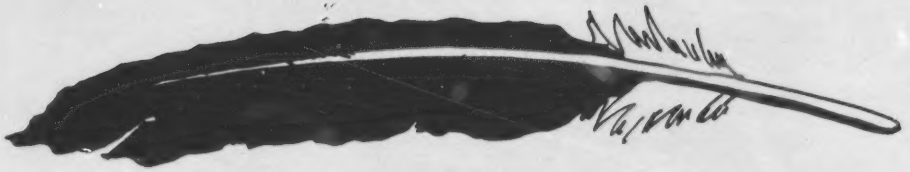
___barras

153

Medir comprimentos de objectos com uma unidade não estandardizada.

Quantas unidades?

4 unidades



____unidades

____unidade

____unidades

____unidades

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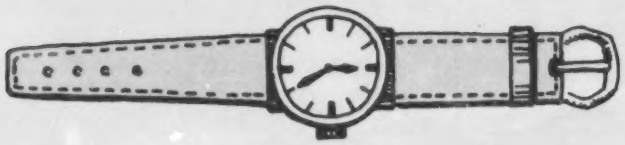
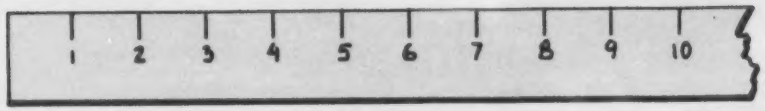
Medir comprimentos de objectos com uma unidade não estandardizada.

Quantos centímetros?





____centímetros

____centímetros

____centímetros

____centímetros

____centímetros

155

Medir comprimentos em centímetros.

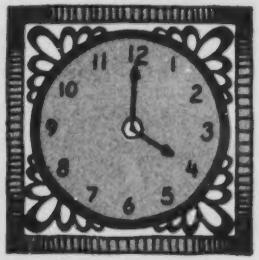
Escreve o numeral correcto em cada _____.

_____¢

_____¢

_____¢

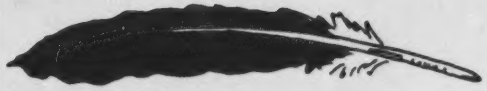
_____¢



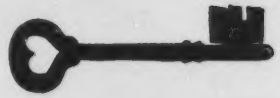
_____horas

_____horas

_____horas



_____centímetros



_____centímetros

_____centímetros

_____centímetros

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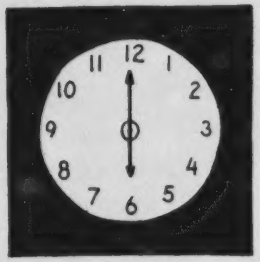
Escreve o numeral correcto em cada _____.

_____¢

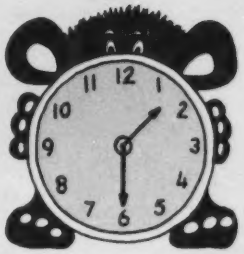
_____¢

_____¢

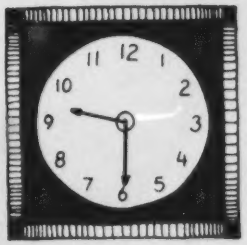
_____¢



_____horas



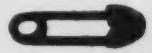
_____horas



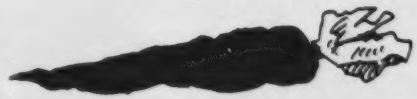
_____horas

_____centímetros

_____centímetros

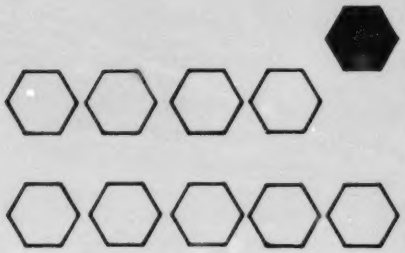


_____centímetros

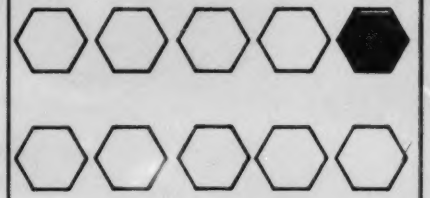


_____centímetros

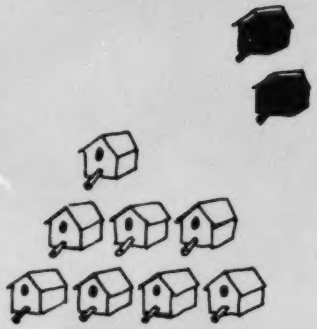
Escreve no □ o numeral correcto.



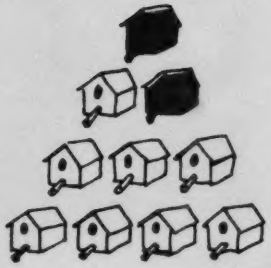
□ □



9+1=□

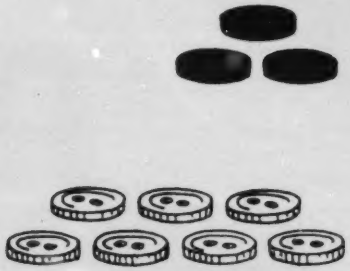


□ □



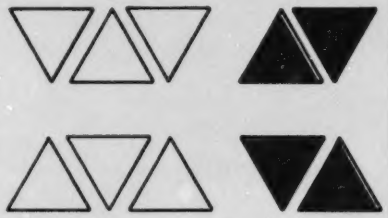
8+2=□

158

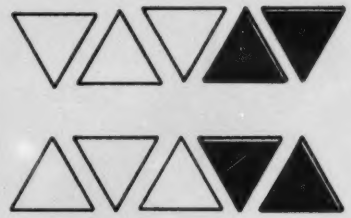


□ □

7+3=□



□ □



6+4=□

Adições cuja soma seja dez.

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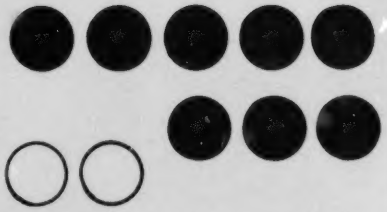
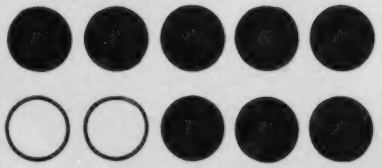
Escreve no □ o numeral correcto.

□ □

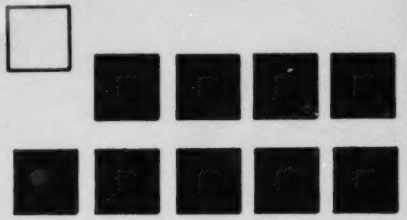
3+7=□



□ □

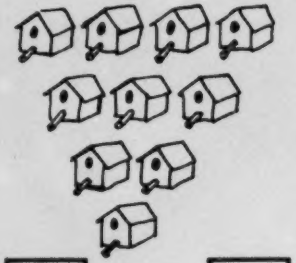


2+8=□

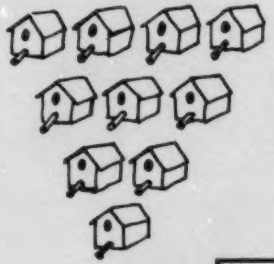


□ □

1+9=□

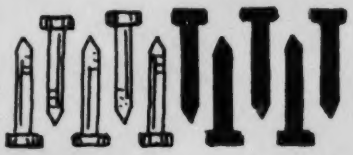


□ □



10+0=□

□ □



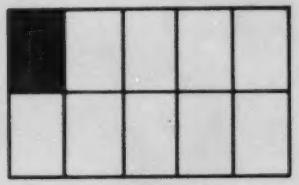
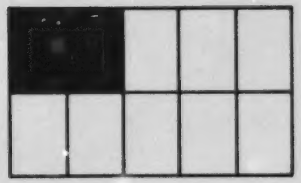
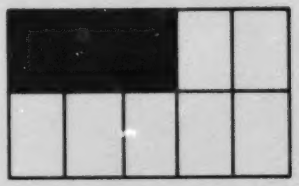
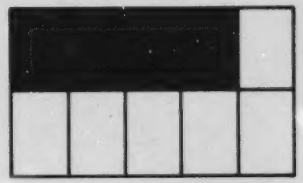
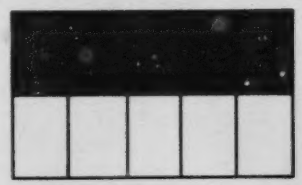
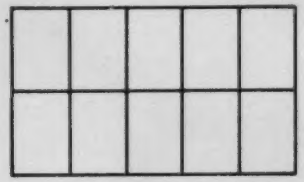
5+5=□

□ □

4+6=□

159

Escreve no ☐ o numeral correcto.

$9 + \square = 10$		$\square + 9 = 10$	$8 + \square = 10$		$\square + 8 = 10$
$7 + \square = 10$		$\square + 7 = 10$	$6 + \square = 10$		$\square + 6 = 10$
$5 + \square = 10$		$\square + 5 = 10$	$10 + \square = 10$		$\square + 10 = 10$

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$1 + 9 = \square$	$9 + 1 = \square$	$8 + 2 = \square$	$2 + 8 = \square$	$7 + 3 = \square$	$3 + 7 = \square$	$6 + 4 = \square$	$4 + 6 = \square$

Propriedade comutativa da adição.

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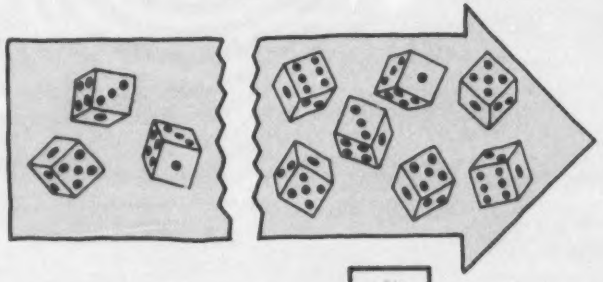
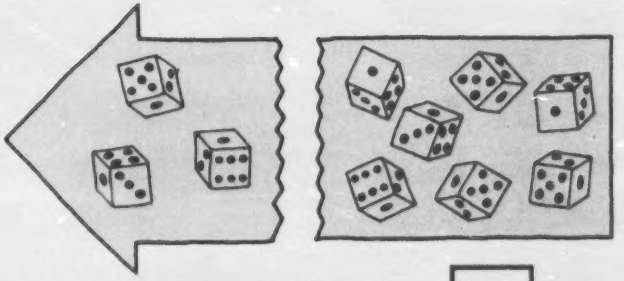
Escreve no ☐ o numeral correcto.



$10 - 7 = \square$

$$\begin{array}{r} 10 \\ -7 \\ \hline \square \end{array}$$

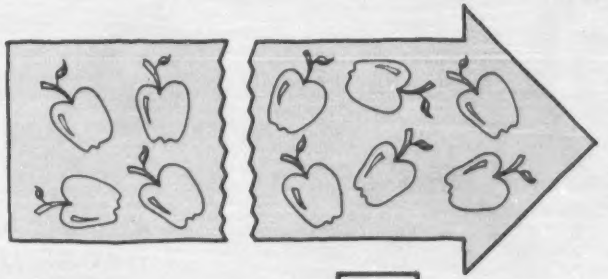


$10 - 3 = \square$

$$\begin{array}{r} 10 \\ -3 \\ \hline \square \end{array}$$

$10 - 4 = \square$

$$\begin{array}{r} 10 \\ -4 \\ \hline \square \end{array}$$



$10 - 6 = \square$

$$\begin{array}{r} 10 \\ -6 \\ \hline \square \end{array}$$

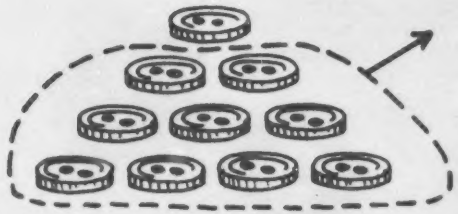
$10 - 8 = \square$

$$\begin{array}{r} 10 \\ -8 \\ \hline \square \end{array}$$

$10 - 2 = \square$

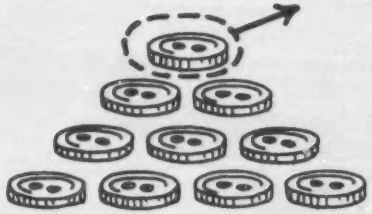
$$\begin{array}{r} 10 \\ -2 \\ \hline \square \end{array}$$

Escreve no ☐ o numeral correcto.



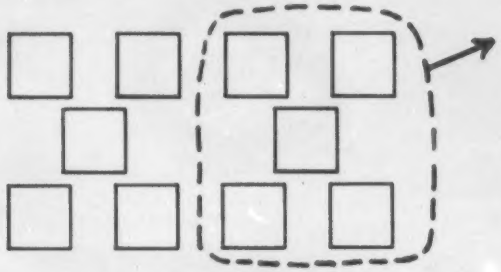
$10 - 9 = \square$

$$\begin{array}{r} 10 \\ -\,9 \\ \hline \square \end{array}$$



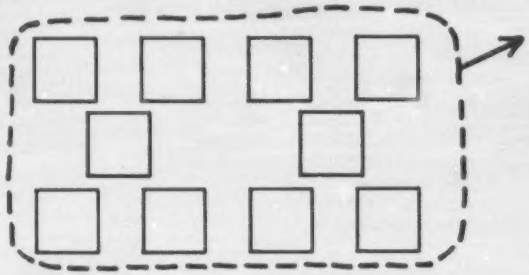
$10 - 1 = \square$

$$\begin{array}{r} 10 \\ -\,1 \\ \hline \square \end{array}$$



$10 - 5 = \square$

$$\begin{array}{r} 10 \\ -\,5 \\ \hline \square \end{array}$$



$10 - 10 = \square$

$$\begin{array}{r} 10 \\ -\,10 \\ \hline \square \end{array}$$

$10 - 0 = \square$

$$\begin{array}{r} 10 \\ -\,0 \\ \hline \square \end{array}$$

$10 - 3 = \square$

$$\begin{array}{r} 10 \\ -\,3 \\ \hline \square \end{array}$$

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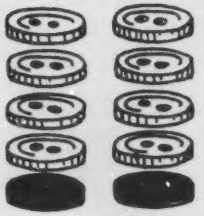
Escreve no □ o numeral correcto.

□ + 1 = 10

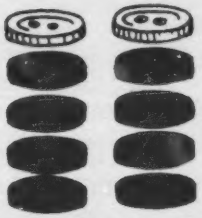
10 − 1 = □

□ + 9 = 10

10 − 9 = □

□ + 2 = 10 

10 − 2 = □

□ + 8 = 10 

10 − 8 = □

□ + 3 = 10

10 − 3 = □

□ + 7 = 10

10 − 7 = □

□ + 4 = 10

10 − 4 = □

□ + 6 = 10

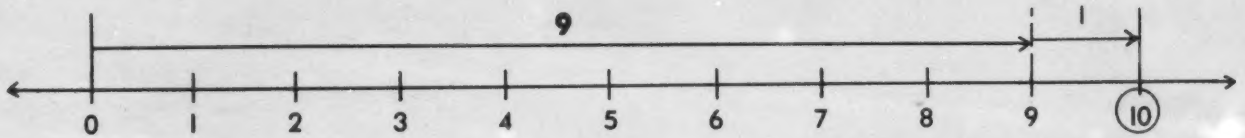
10 − 6 = □

□ + 5 = 10

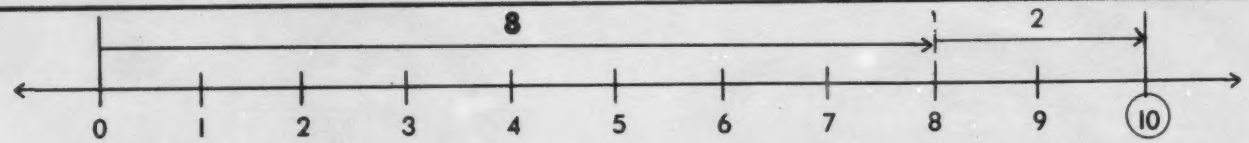
10 − 5 = □

Adição e subtracção são operações inversas.

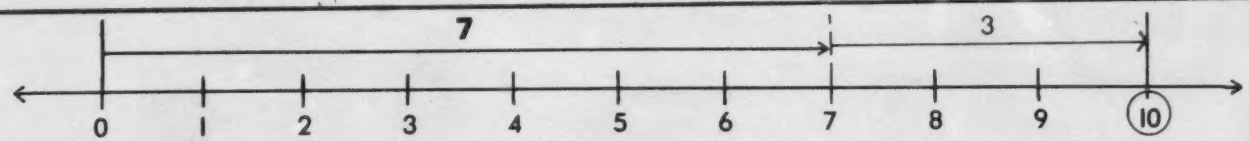
Escreve no ☐ o numeral correcto.



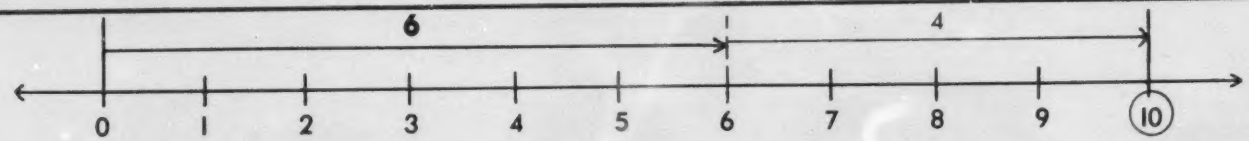
$9+1=\square$ $\quad 9+\square=10$ $\quad \square+1=10$



$8+2=\square$ $\quad 8+\square=10$ $\quad \square+2=10$



$7+3=\square$ $\quad 7+\square=10$ $\quad \square+3=10$



$6+4=\square$ $\quad 6+\square=10$ $\quad \square+4=10$

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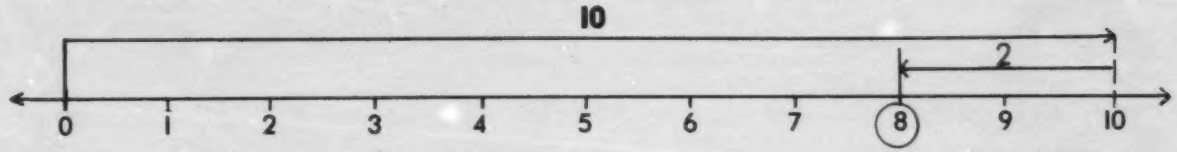
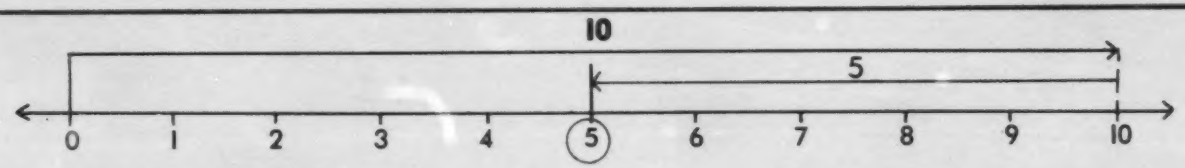
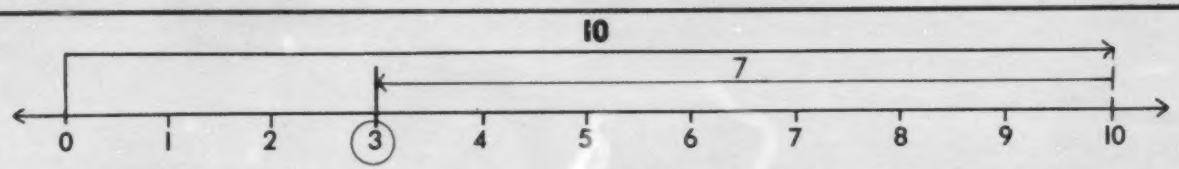
Escreve no ☐ o numeral correcto.



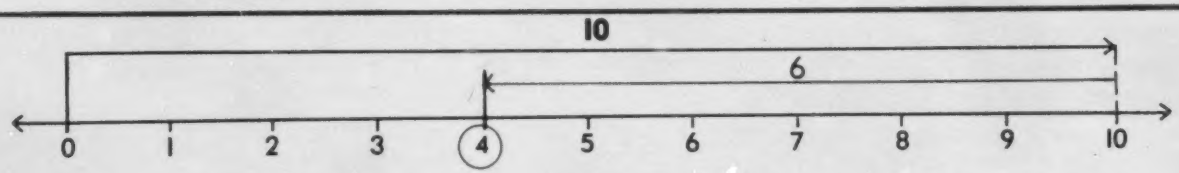
$10-2=\square$ $\qquad$ $10-\square=8$



$10-5=\square$ $\qquad$ $10-\square=5$



$10-7=\square$ $\qquad$ $10-\square=3$



$10-6=\square$ $\qquad$ $10-\square=4$

Usar a linha numerada para resolver equações (-).

Resolve as seguintes operações:

5	8	7	4	10	6	9
+2	−3	+3	+5	−6	+1	−2
10	5	8	6	3	7	2
−3	+5	−1	+4	+5	−5	+6
6	8	7	8	5	4	9
−2	−6	−4	+0	+3	−2	−6

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5	1	10	9	3	2	3
−4	+9	−8	−3	−1	+2	+7

Resolve as seguintes operações:

3	8	9	10	7	10	7
+5	+2	−4	−5	−4	−3	−5
6	9	8	10	8	4	9
+4	−5	−3	−6	+2	+5	−7
9	6	5	2	8	5	9
−3	+2	+5	+5	−0	+3	+1
10	9	4	3	9	10	3
−2	−2	+3	+6	−7	−1	+7

Escreve na ____ o numeral correcto.

②	③	④
1+	3+	3+___
2+	1+___	2+___
3−___	2+___	4+___
5−___	6−___	8−___
7−___	8−___	9−___

⑤	⑥	⑦
4+___	2+___	4+___
3+___	3+___	5+___
7−___	7−___	3+___
8−___	8−___	7−___
9−___	9−___	9−___

Representar números usando adição e subtracção.

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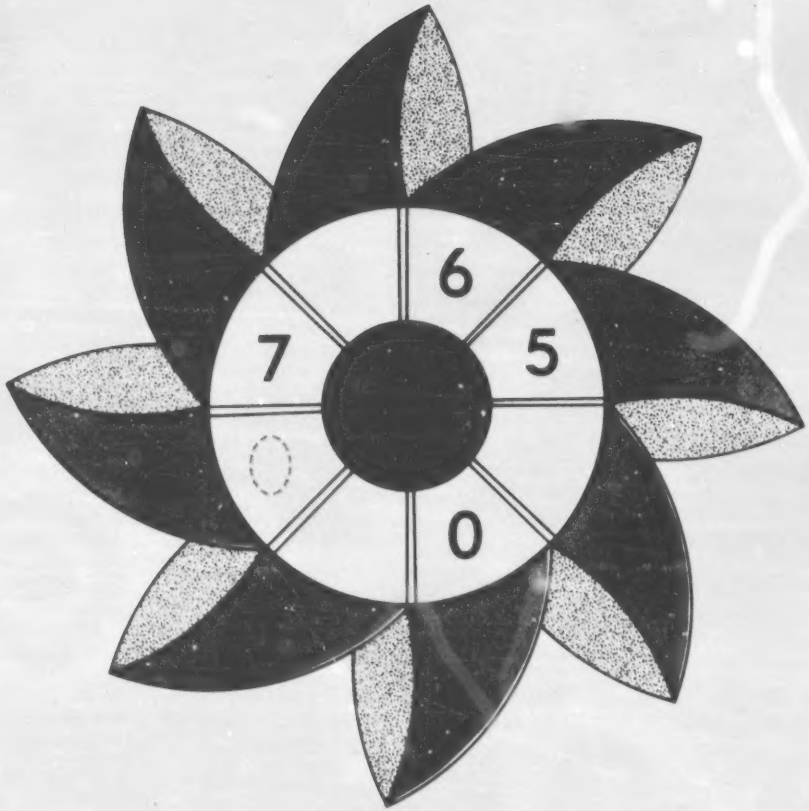
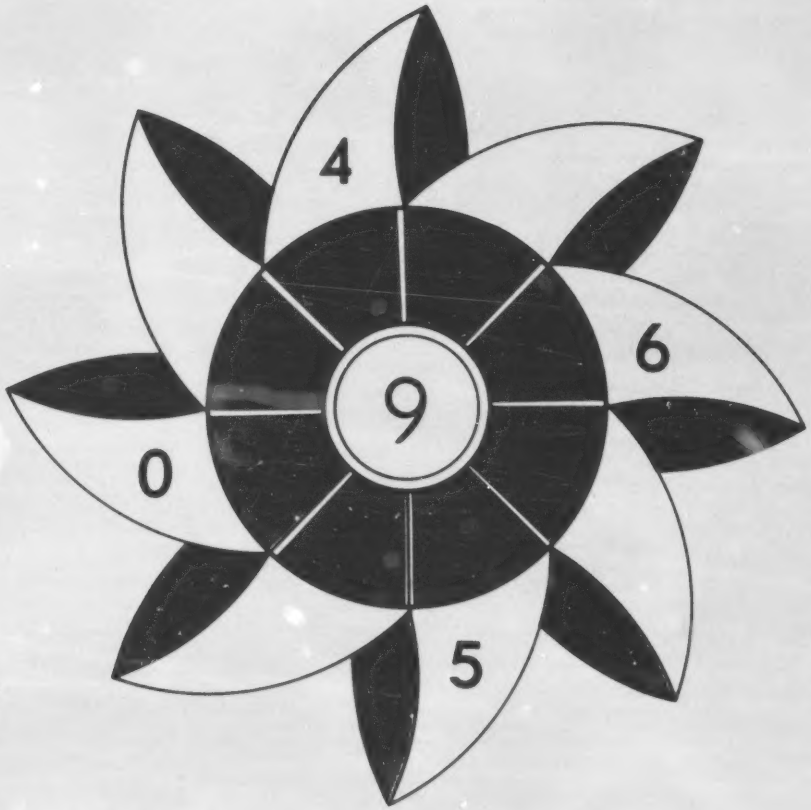
Completa com os numerais que faltam.





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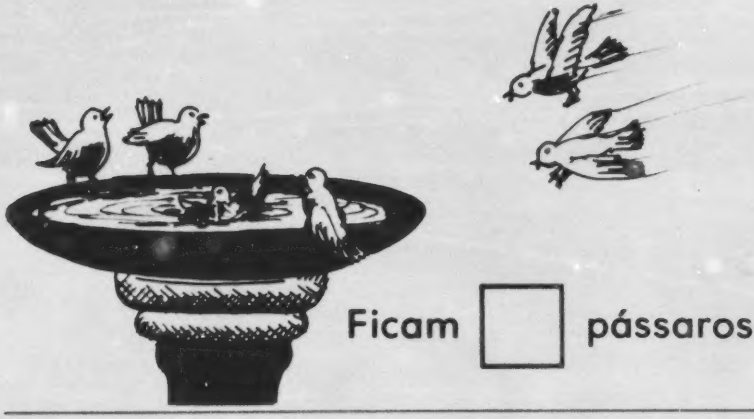
Representar números usando adição e subtracção.

Problemas

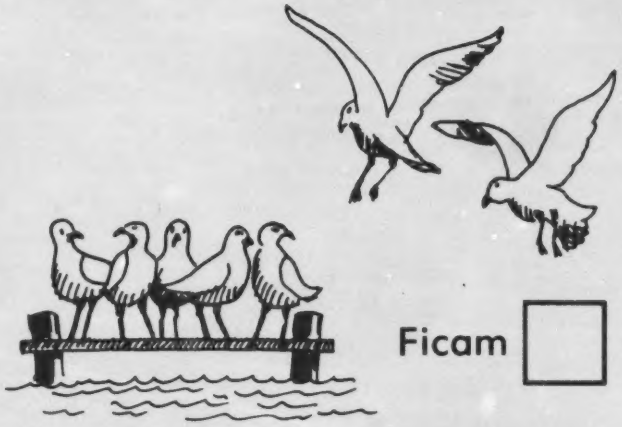
Conta a história. Completa-a com os numerais que faltam.

4 + 2 = □



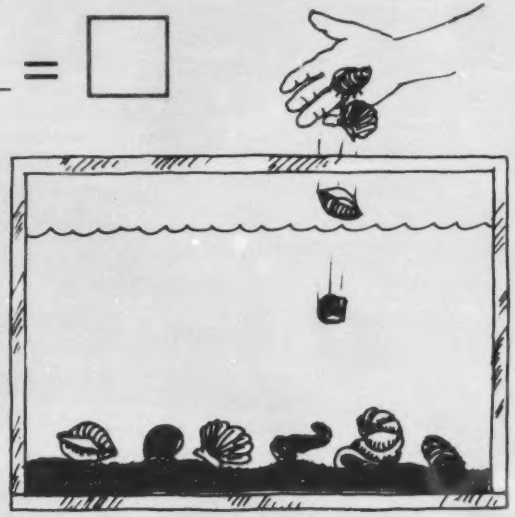
Ficam □ pássaros.

__ + __ = □



Ficam □ gaivotas.

__ + __ = □



São □ conchas.

__ + __ = □

São ao todo □ flores.

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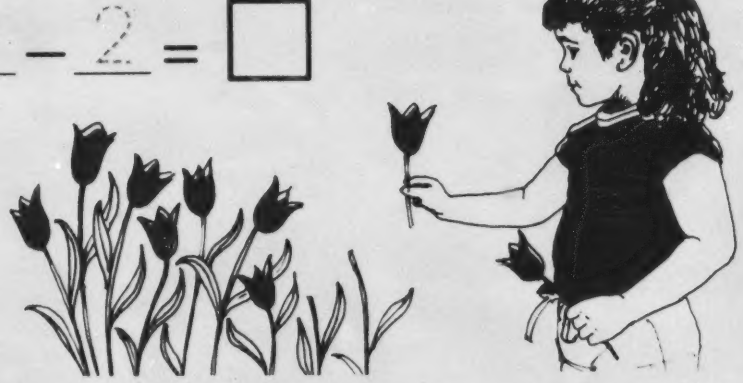
Representar problemas em equação e resolvê-los.

Conta a história. Completa-a com os numerais que faltam.

9 − 2 = □

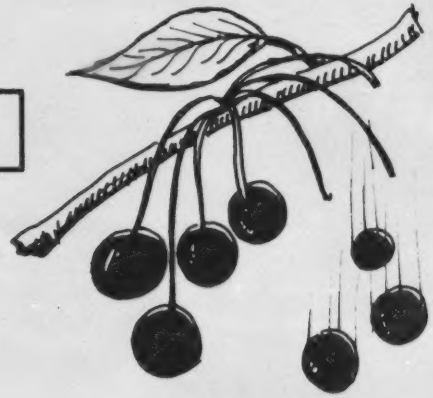


No jardim ficaram □ tulipas.

___ − ___ = □

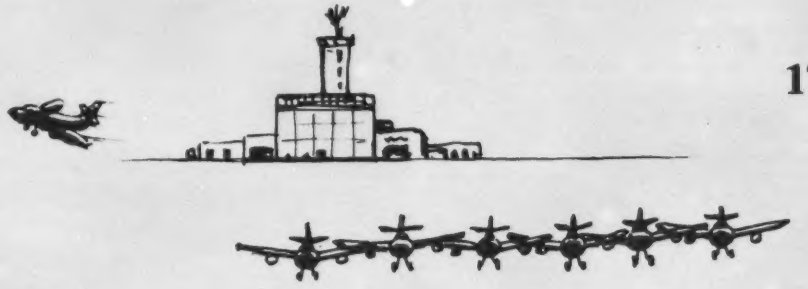
Falta pintar □

___ − ___ = □



Ficaram □ cerejas.

___ − ___ = □



Ficam □ aviões.

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Representar problemas em equação e resolvê-los.

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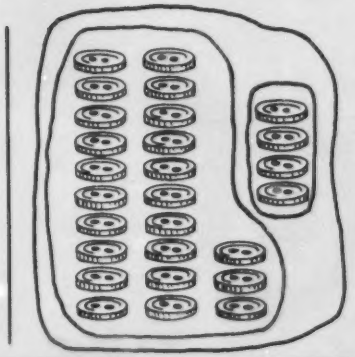
Adição e subtracção

Soma.

23 mais 4

$$\begin{array}{r} 23 \\ +4 \\ \hline 27 \end{array}$$



Dezenas	Unidades
2	3
+	4
2	7

53	11	45	34	83	56	72
+2	+6	+4	+0	+3	+2	+5

31	35	84	72	93	17	22
+8	+1	+4	+6	+5	+2	+1

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70	86	15	21	41	34	62
+6	+3	+2	+7	+2	+5	+3

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Adicionar um número menor do que dez com um maior do que dez.

Soma.

Dezenas	Unidades	Dezenas	Unidades	Dezenas	Unidades	Dezenas	Unidades
3	5	3	5	5	2	5	2
+	4	+	4	+	6	+	6
	9	3	9		8	5	8

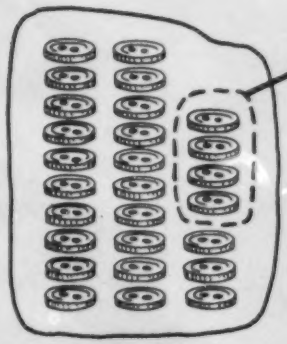
32	56	77	82	43	31	50
+5	+3	+1	+7	+5	+6	+6
21	16	46	73	91	32	44
+2	+3	+1	+0	+4	+4	+1
26	42	58	42	85	93	70
+3	+3	+1	+6	+3	+4	+5

Adicionar um número menor do que dez com um maior do que dez.

Subtrai.

27 menos 4

$$\begin{array}{r} 27 \\ -\,4 \\ \hline 23 \end{array}$$



Dezenas	Unidades
2	7
—	4
2	3

56	15	54	48	37	95	39
−3	−2	−1	−5	−4	−2	−6
26	34	57	75	18	95	89
−6	−2	−4	−1	−3	−2	−7
49	35	18	36	28	54	66
−3	−4	−8	−5	−4	−3	−4

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Subtrai.

Dezenas	Unidades	Dezenas	Unidades	Dezenas	Unidades	Dezenas	Unidades
3	9	3	9	5	8	5	8
−	4	−	4	−	6	−	6
	5		5		2		2

48	57	76	49	95	79	81
−3	−5	−4	−6	−2	−1	−1
19	26	34	65	89	78	14
−7	−5	−4	−3	−8	−7	−3
67	79	45	36	93	54	28
−6	−2	−4	−3	−2	−1	−5

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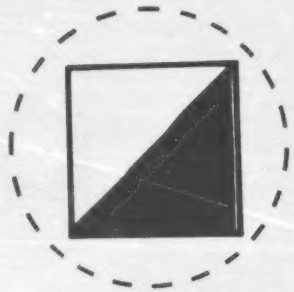
Fracções

Circunda as figuras que estão divididas em duas partes iguais.



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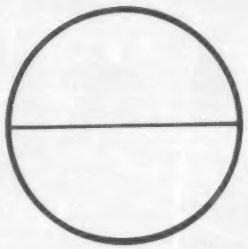

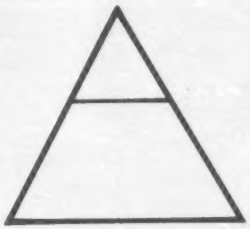

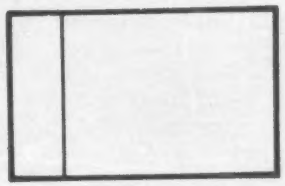

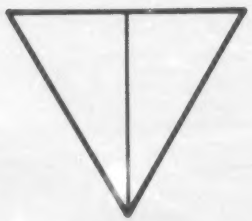

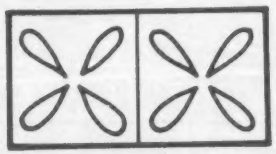

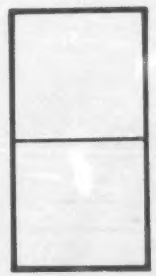

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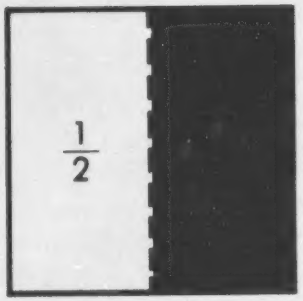
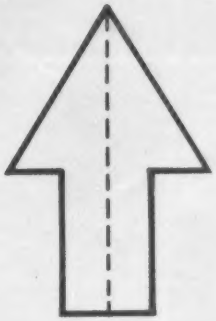
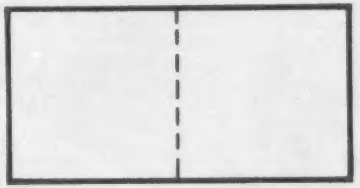
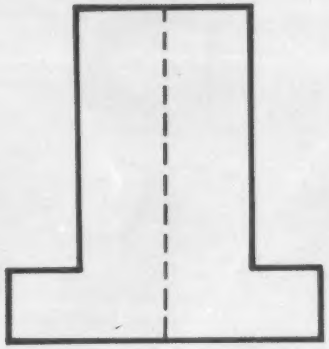
Identificar figuras que estão divididas em duas partes iguais.

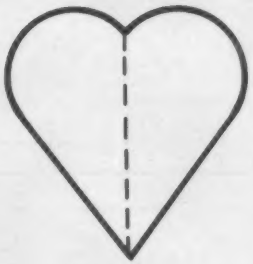
Pinta $\frac{1}{2}$ de cada figura.

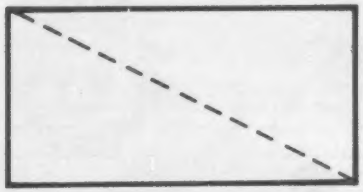


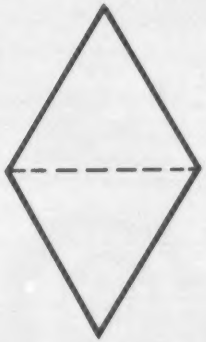


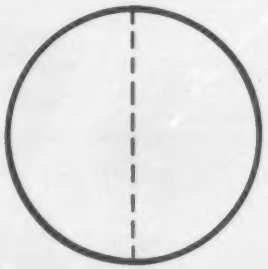




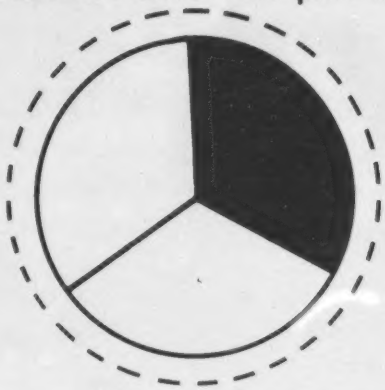


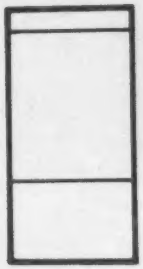


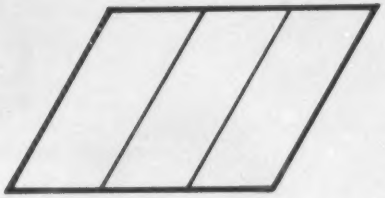


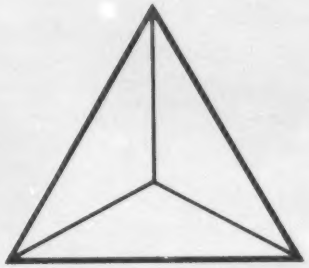


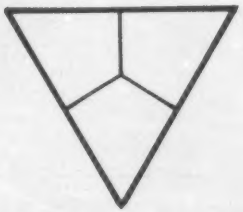
Circunda as figuras que estão divididas em três partes iguais.

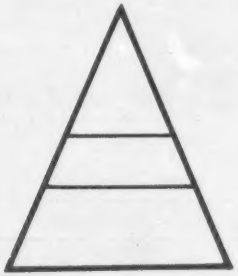


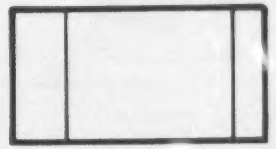












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366 Identificar figuras que estão divididas em três partes iguais.

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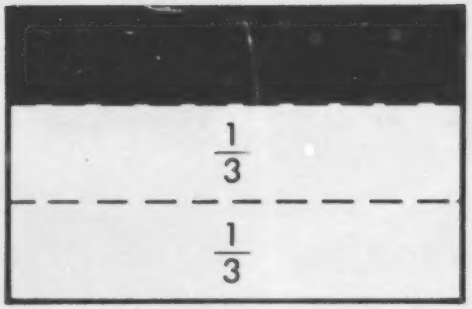
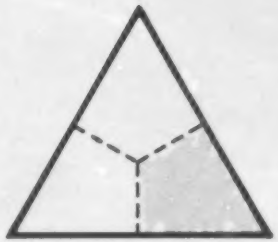
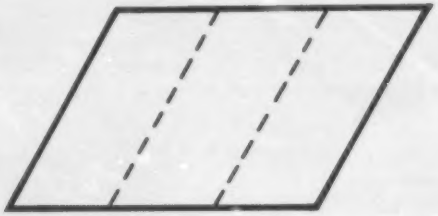
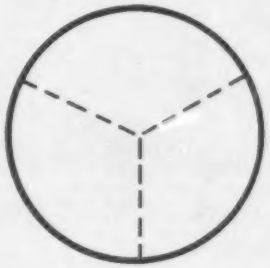
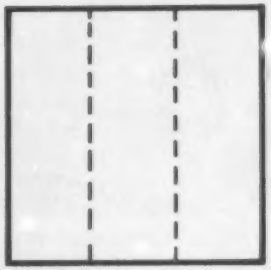
Pinta $\frac{1}{3}$ de cada figura.

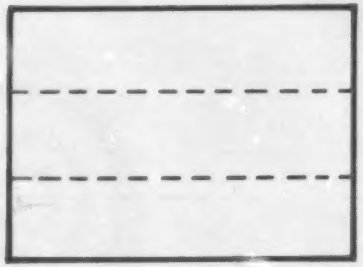


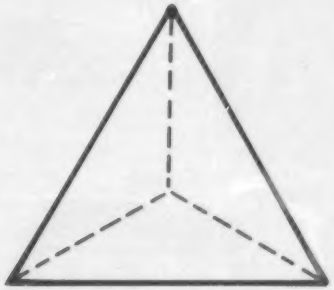


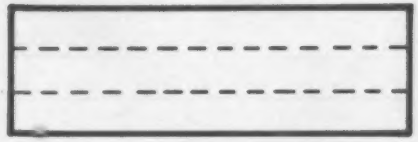




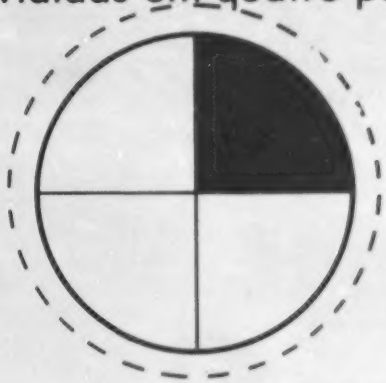


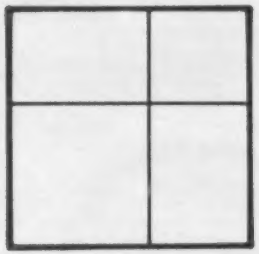


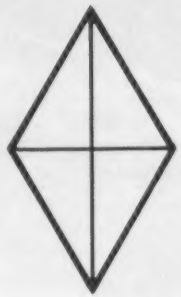


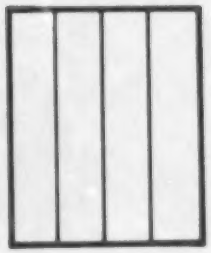


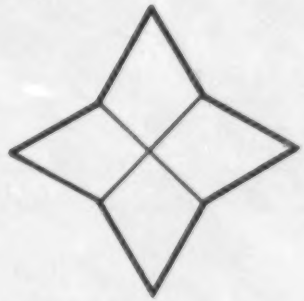
Circunda as figuras que estão divididas em quatro partes iguais.











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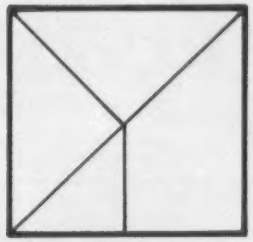

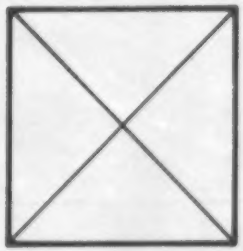

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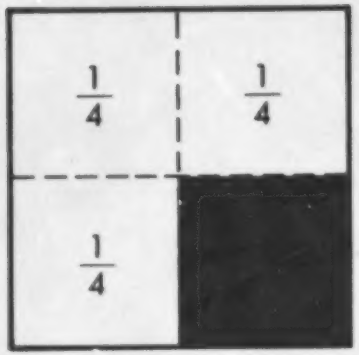
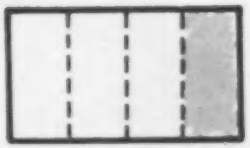
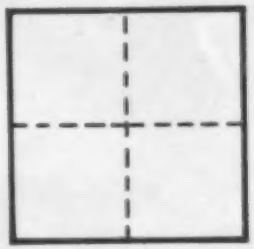
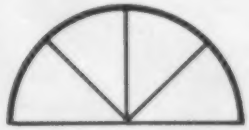
Identificar figuras que estão divididas em quatro partes iguais.

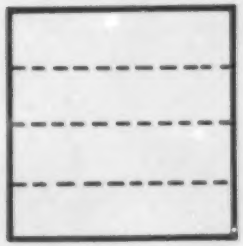
Pinta $\frac{1}{4}$ de cada figura.

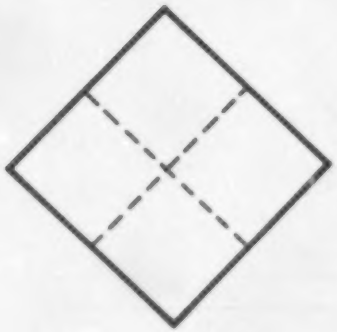


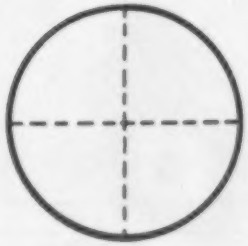


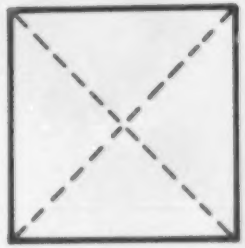












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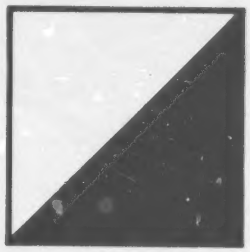
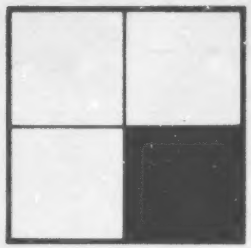
Fracções: identificar um quarto.

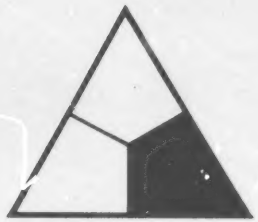
Escreve $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$ ao lado de cada figura para indicar a parte colorida.

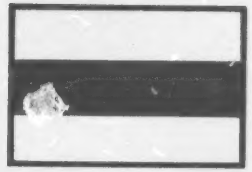
$\frac{1}{2}$





$\frac{1}{4}$





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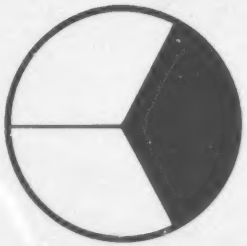
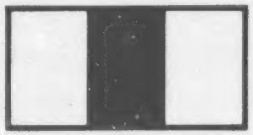
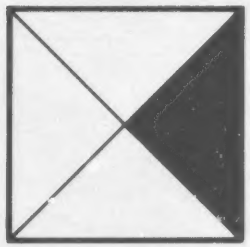
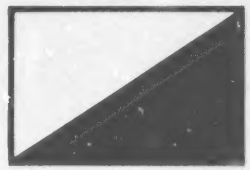


$\frac{1}{3}$







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Revisão: $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

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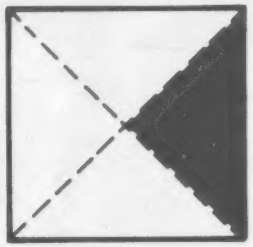
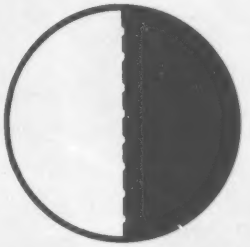
Faz um ◯ à volta da fracção que representa a parte colorida de cada figura.

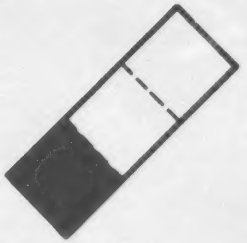


$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

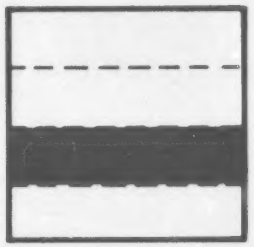
$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$



$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$



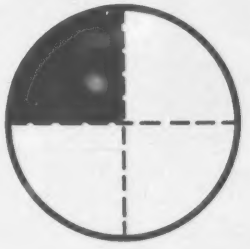
$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$



$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

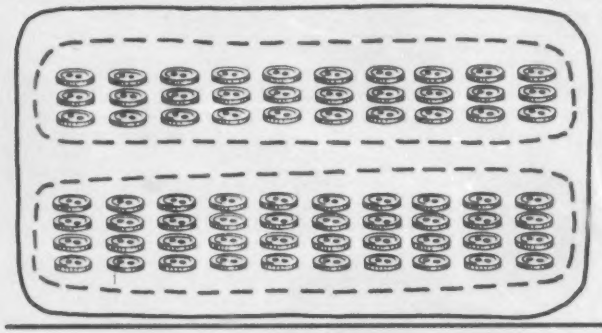
$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$



$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

Adição e subtracção

Escreve o numeral correcto para cada uma das somas.



30 mais 40

Dezenas	Unidades	Dezenas	Unidades
3	0	3	0
+4	0	4	0
	0	7	0

30	40	20	30	20	20	70
+20	+50	+10	+10	+40	+20	+20
50						

10	50	40	70	40	50	60
+40	+20	+30	+10	+40	+40	+20

30	30	20	30	10	10	50
+30	+50	+50	+60	+10	+80	+30

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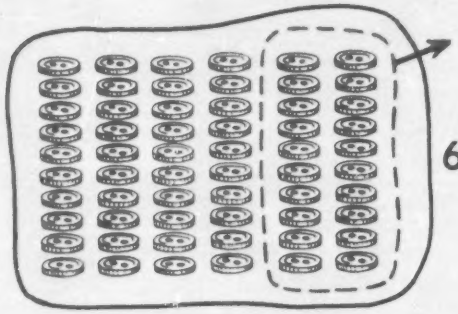
Escreve o numeral correcto para cada uma das diferenças.



60 menos 20

Dezenas	Unidades
6	0
−2	0
	0

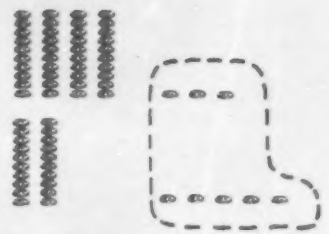
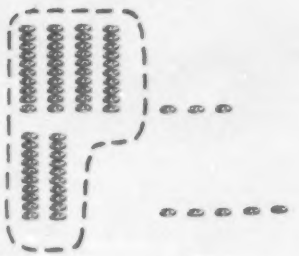
Dezenas	Unidades
6	0
−2	0
4	0

70	50	90	70	40	80	90
−40	−30	−70	−50	−20	−50	−30
30						

50	80	90	50	60	70	40
−40	−40	−10	−50	−10	−10	−30

80	50	60	70	90	30	90
−30	−20	−10	−20	−80	−30	−20

Soma.

43  +25 8	43  +25 68
12 +23 35	32 +15	45 +23
32 +24	40 +25	23 +24
35 +14	41 +22	53 +36

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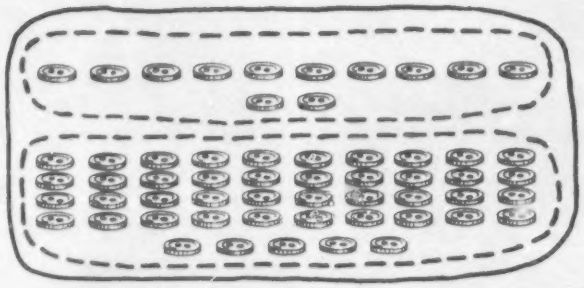
Adições cuja soma seja menor do que 100.

Soma.



Dezenas	Unidades	Dezenas	Unidades	
1	2	1	2	12
+4	5	+4	5	+45
	7	5	7	57

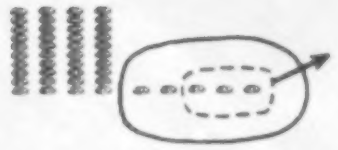
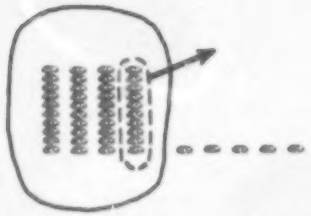
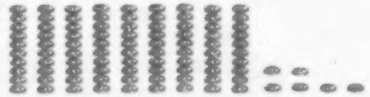
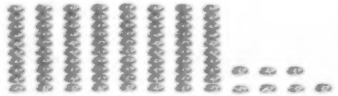
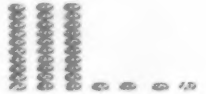
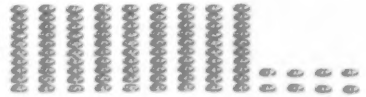
17	32	33	40	83	42	56
+52	+45	+23	+36	+15	+13	+23
69						

31	37	24	39	72	45	11
+45	+40	+44	+20	+16	+23	+33

23	81	43	32	47	31	62
+34	+16	+52	+24	+10	+12	+22

Adições cuja soma seja menor do que 100

Subtrai.

45 −13 2		45 −13 32 
36 −23 13	57 −12	96 −35 
87 −54 	56 −24	34 −12 
65 −24	39 −27	98 −35 

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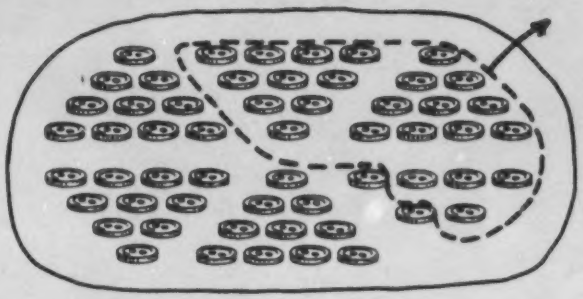
Subtrair números maiores que 9 de números menores que 100.

Subtrai.



Dezenas	Unidades	Dezenas	Unidades	
5	6	5	6	56
−2	4	−2	4	−24
	2	3	2	32

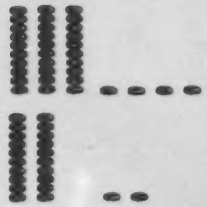
98	79	34	56	67	37	86
−65	−24	−24	−12	−65	−23	−50
33						

57	43	56	89	45	76	34
−30	−23	−15	−56	−12	−25	−23

87	79	32	57	49	38	75
−34	−35	−12	−32	−13	−34	−53

Escreve na _____ o numeral correcto.

$34 + 22 = 56$

34 
+22
56

$11 + 71 = 82$

11
+ 71
82

$14 + 52 = ___$

$40 + 27 = ___$

$23 + 54 = ___$

$17 + 82 = ___$

$35 + 34 = ___$

Equações: Adições cuja soma seja menor que 100.

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Escreve na _____ o numeral correcto.

$51 + 27 = ___$

$2 + 83 = ___$

$34 + 65 = ___$

$5 + 24 = ___$

389

$40 + 37 = ___$

$36 + 22 = ___$

$75 + 21 = ___$

$23 + 54 = ___$

390

Equações: Adições cuja soma seja menor que 100.

Escreve na _____ o numeral correcto.

$49 - 15 = 34$

$$\begin{array}{r} 49 \\ -15 \\ \hline 34 \end{array}$$

$56 - 33 = ___$

$38 - 24 = ___$

$83 - 52 = ___$

$87 - 25 = ___$

$94 - 62 = ___$

$78 - 54 = ___$

Equações: Subtrair números maiores que 9 de números menores que 100.

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Escreve na _____ o numeral correcto.

$68 - 16 = ___$

$79 - 43 = ___$

$28 - 14 = ___$

$47 - 20 = ___$

393

$72 - 52 = ___$

$65 - 32 = ___$

$67 - 12 = ___$

$36 - 24 = ___$

394

Equações: Subtrair números maiores que 9 de números menores que 100.

Problemas

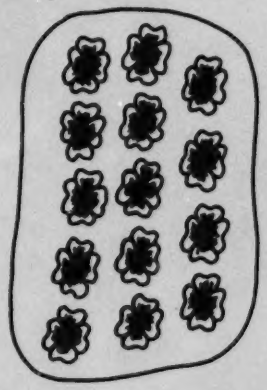
Conta a história. Completa-a com os numerais que faltam.

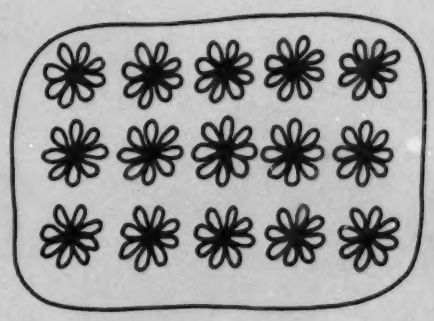
5

3

5 + 3 = □

Há____flores.





Quantas flores há nos dois conjuntos?

Há____flores.

Tenho 24 .

Tenho 64 .

Quantas conchas tenho ao todo?____

Tenho____conchas.

Temos 12 .

Temos 17 .

Quantos temos ao todo?____

Temos____guarda-chuvas.

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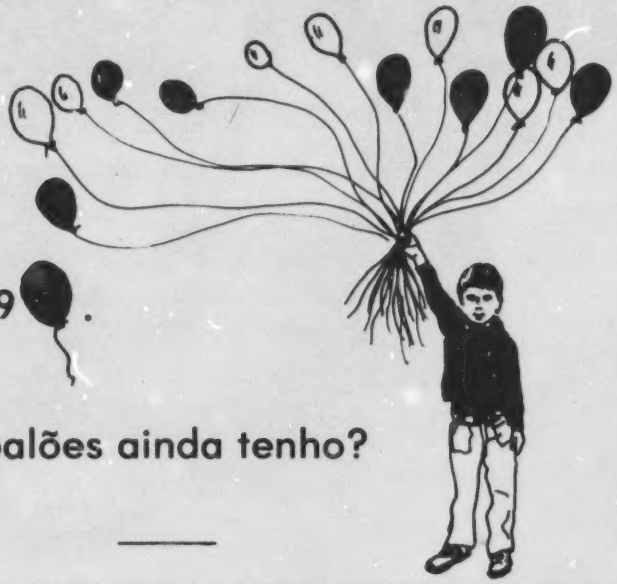
Conta a história. Completa-a com os numerais que faltam.



Eu tinha 39 .

14 .

Quantos balões ainda tenho?

___

A Rita tinha no cesto 24

e deu 10 à Helena.

A Rita ainda tem

___ laranjas.

O puzzle todo leva 87 .

27 já estão no puzzle.

Quantos faltam?

___

Eu tinha 18 .

14 .

Quantos me restam?

___

Adição e subtracção

Faz estas somas e subtracções.

25	4	24	67	76	79	36	36
+4	+25	+43	−43	+3	−3	+0	−0
30	60	42	74	14	46	55	78
+60	+30	+32	−32	+32	−32	+23	−23
82	5	60	72	62	96	31	73
+5	+82	+12	−12	+34	−34	+42	−42

30	40	35	38	22	45	22	98
+40	+30	+3	−3	+23	−23	+76	−76

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Escreve o numeral correcto para cada uma das operações.

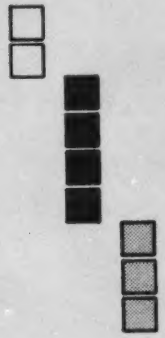
42	78	64	14	49	46	75
+35	−23	−21	+11	−9	−23	+21
76	35	43	34	96	78	53
−22	+24	+12	+25	−31	−25	+35
53	79	48	34	60	89	30
+23	−52	−4	+54	−20	−50	+40

51 + 21 = ____

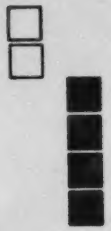
76 − 22 = ____

Adição

Soma.



$$\begin{array}{r} 2 \\ 4 \\ +3 \\ \hline \end{array}$$



$$\begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ +3 \\ \hline 9 \end{array}$$

3	2	3	5	4	2	2
1	1	4	2	3	4	1
+2	+3	+3	+3	+2	+2	+6

198

7	1	3	1	2	3	6
0	9	3	3	3	1	4
+2	+1	+4	+3	+4	+5	+2

403

404

Adicionar três números.

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Completa com o numeral correcto.

$(4+3)+2$

$7+2$

$\square$ 9

$2+(1+2)$

$2+3$

$\square$ 5

$3+(2+4)$ $3+___$ $\square$	$(1+2)+6$ $___+6$ $\square$	$(3+3)+4$ $___+4$ $\square$
$1+(6+1)$ $1+___$ $\square$	$(4+2)+1$ $___+1$ $\square$	$4+(2+3)$ $4+___$ $\square$

199

Adicionar três números.

Completa com o numeral correcto.

$(2+3)+4$

$5+4$

$2+(3+4)$

$2+7$

$(4+1)+3$

$___+3$

$4+(1+3)$

$4+___$

$(1+6)+2$

$___+2$

$1+(6+2)$

$1+___$

$(2+1)+7$

$___+7$

$2+(1+7)$

$2+___$

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Propriedade associativa da adição.

Completa com o numeral correcto.

$(5+3)+2$ $___+2$ $\square$ $5+(3+2)$ $5+___$ $\square$	$(2+5)+3$ $___+3$ $\square$ $2+(5+3)$ $2+___$ $\square$	$(1+4)+3$ $___+3$ $\square$ $1+(4+3)$ $1+___$ $\square$
$(5+2)+1$ $___+1$ $\square$ $5+(2+1)$ $5+___$ $\square$	$(2+4)+3$ $___+3$ $\square$ $2+(4+3)$ $2+___$ $\square$	$(2+2)+5$ $___+5$ $\square$ $2+(2+5)$ $2+___$ $\square$

Propriedade associativa da adição.

Escreve no ☐ o numeral correcto.

3 + 5 = ☐	3 + 6 = ☐	3 + ☐ = 10
4 + 3 = ☐	4 + 4 = ☐	2 + ☐ = 10
1 + 9 = ☐	7 + 1 = ☐	1 + ☐ = 10
2 + 7 = ☐	3 + 4 = ☐	0 + ☐ = 10
2 + 6 = ☐	6 + 4 = ☐	8 + ☐ = 10
3 + 2 = ☐	6 + 2 = ☐	5 + ☐ = 10
2 + 4 = ☐	7 + 2 = ☐	6 + ☐ = 10
202 7 + 3 = ☐	9 + 1 = ☐	4 + ☐ = 10
8 + 2 = ☐	5 + 2 = ☐	7 + ☐ = 10
5 + 4 = ☐	8 + 1 = ☐	9 + ☐ = 10

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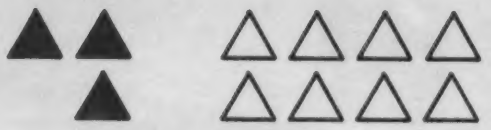
Revisão: Adições e subtracções até 10.

Completa as equações.

$2+9=___$

$9+2=___$

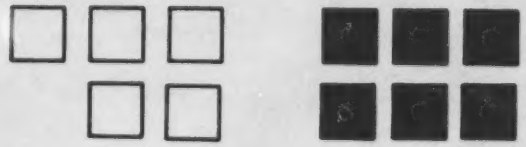


$3+8=___$

$8+3=___$

$4+7=___$

$7+4=___$

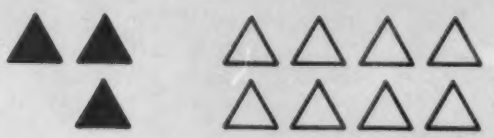


$5+6=___$

$6+5=___$

$11-2=___$

$11-9=___$

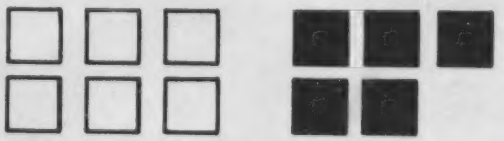


$11-3=___$

$11-8=___$

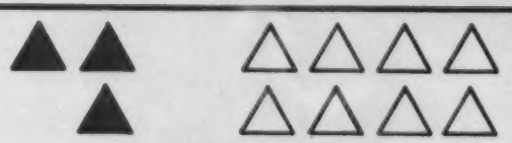
$11-7=___$

$11-4=___$



$11-6=___$

$11-5=___$



$3+8$

$3+(7+1)$

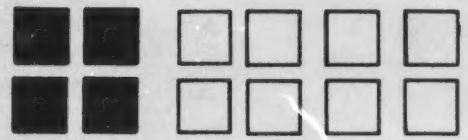
$(3+7)+1$

$10+1=___$

Completa as equações.

3+9=___

9+3=___

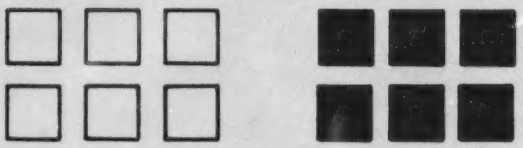


4+8=___

8+4=___

5+7=___

7+5=___



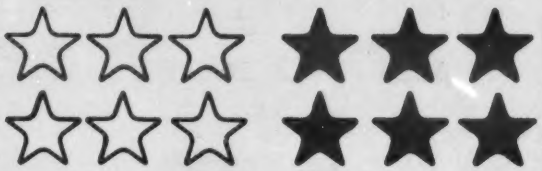
6+6=___

12−3=___

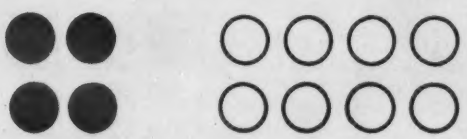
12−9=___

12−5=___

12−7=___

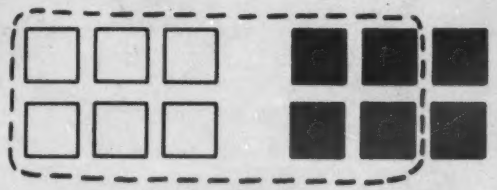


12−6=___



12−8=___

12−4=___



6+6

(6+___)+2

10+2=___

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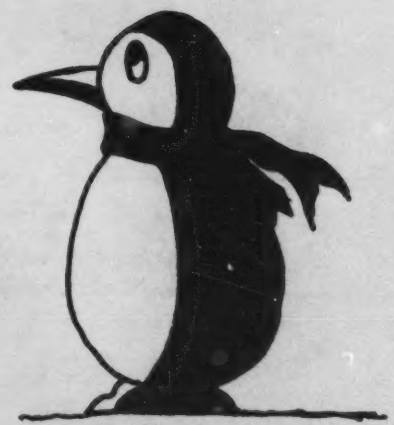
Completa as equações.

6 + 5 = ___	7 + 9 = ___	9 + 4 = ___
6 + 6 = ___	8 + 3 = ___	9 + 5 = ___
6 + 7 = ___	8 + 4 = ___	9 + 6 = ___
6 + 8 = ___	8 + 5 = ___	9 + 7 = ___
6 + 9 = ___	8 + 6 = ___	9 + 8 = ___
7 + 4 = ___	8 + 7 = ___	9 + 9 = ___
7 + 5 = ___	8 + 8 = ___	
7 + 6 = ___	8 + 9 = ___	
7 + 7 = ___	9 + 2 = ___	
7 + 8 = ___	9 + 3 = ___	



Completa as equações.

$11 - 2 = ___$

$11 - 3 = ___$

$11 - 4 = ___$

$11 - 5 = ___$

206

419

$11 - 6 = ___$

$12 - 3 = ___$

$12 - 4 = ___$

$12 - 5 = ___$

$12 - 6 = ___$

$13 - 4 = ___$

$13 - 5 = ___$

$13 - 6 = ___$

$13 - 7 = ___$

$14 - 5 = ___$

$14 - 6 = ___$

$14 - 7 = ___$

$15 - 6 = ___$

$15 - 7 = ___$

$15 - 8 = ___$

$16 - 7 = ___$

$16 - 8 = ___$

$17 - 8 = ___$

$17 - 9 = ___$

$18 - 9 = ___$

420

Subtracções: Diferenças de 11 a 18.

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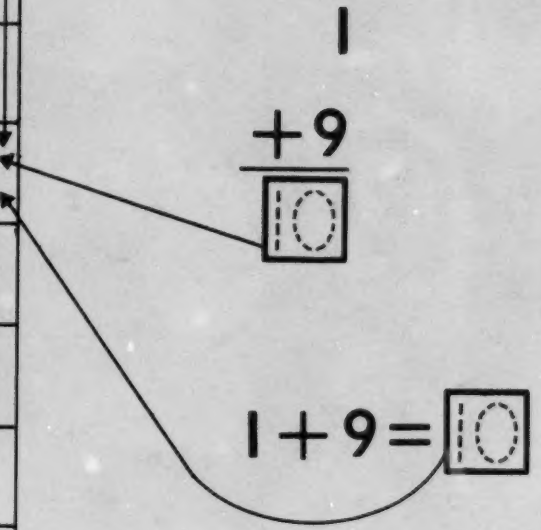
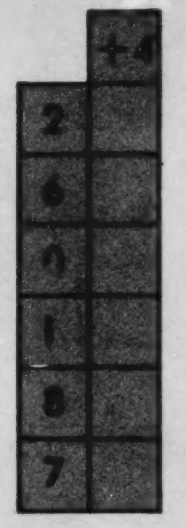
Completa a tábua.

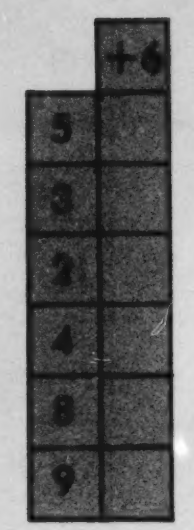
+	0	1	2	3	4	5	6	7	8	9
0	0	1	2	3	4	5	6	7	8	9
1	1	2						8	9	10
2										
3										
4										
5	5	6	7	8	9	10	11	12	13	14
6					10					
7					11					
8					12					
9					13					

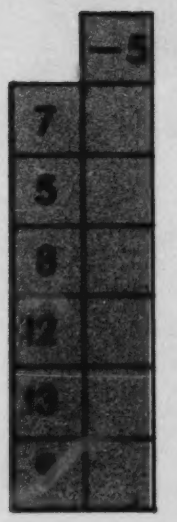


Construir uma tábua de adição.

Faz as operações indicadas.

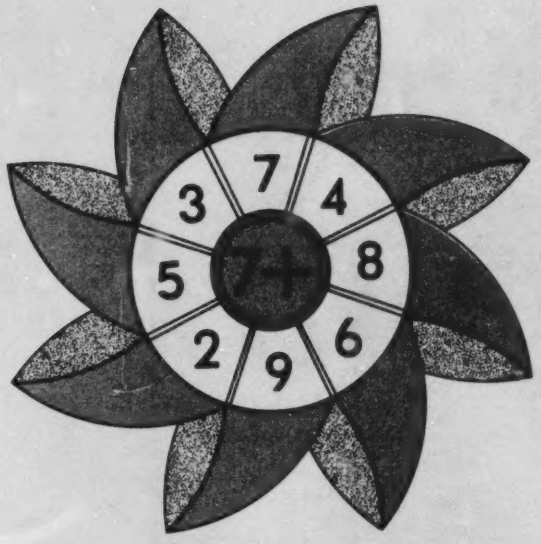


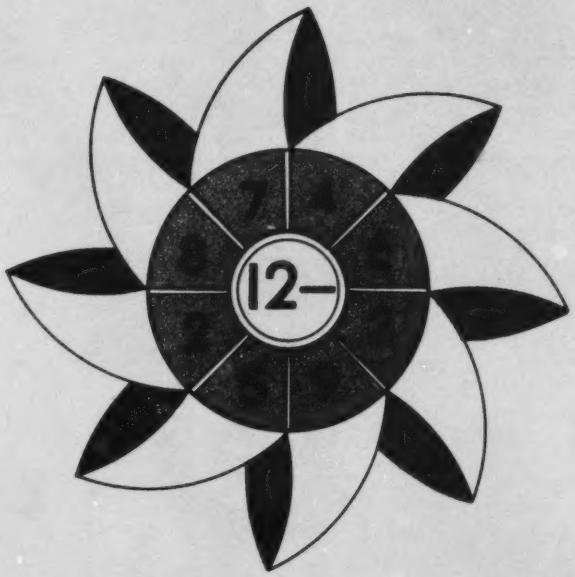




208

423





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Escreve no □ o numeral correcto.

4	3	5	2	2
3	6	2	3	4
+2	+3	+5	+3	+4
□	□	□	□	□

1	6	3	2	6
5	1	2	2	1
+5	+5	+2	+7	+2
□	□	□	□	□

$8 + 3 = \square$

$5 + 9 = \square$

$9 + 7 = \square$

$4 + 8 = \square$

$9 + 9 = \square$

$6 + 7 = \square$

$8 + 9 = \square$

$4 + 9 = \square$

$7 + 5 = \square$

$5 + 6 = \square$

209

$(6+2)+5$

$\square + 5$

$\square$

$6+(2+5)$

$6 + \square$

$\square$

Dúzia

Pinta as flores e conta-as.

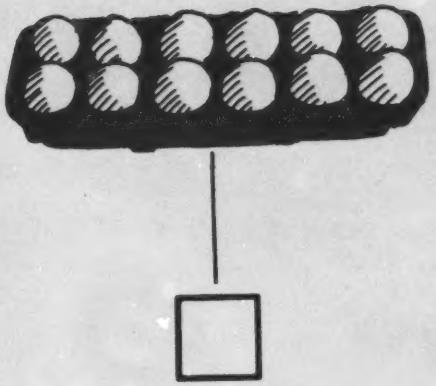
São_____ ou uma dúzia.

Identificar uma dúzia.

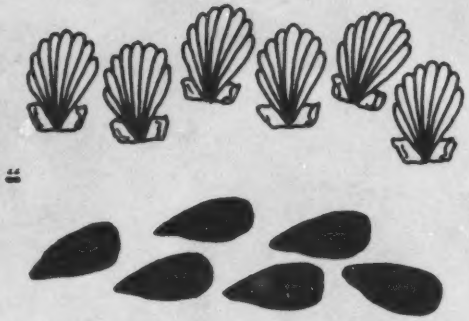
210

Completa.

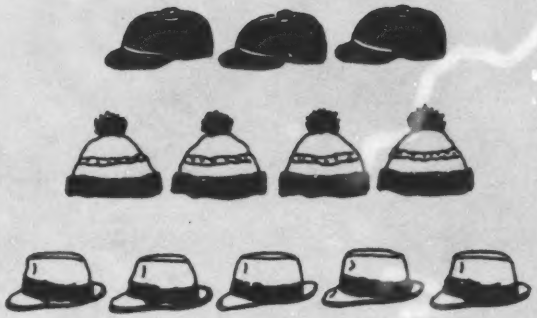
Uma dúzia = 12



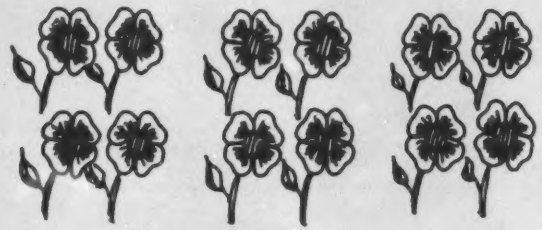
□



6 + □



3 + 4 + □



4 + □ + □

3 + □ + □ + □

3 + □ + □

211

Associar o número **12** com uma dúzia.

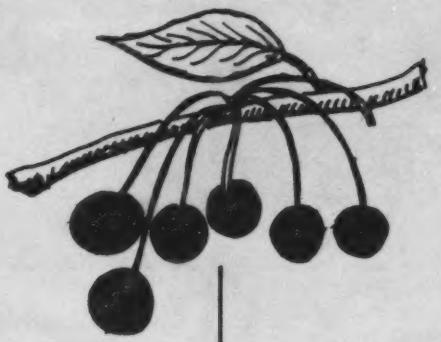
Completa.

São_____ ou meia dúzia.

Identificar meia dúzia.

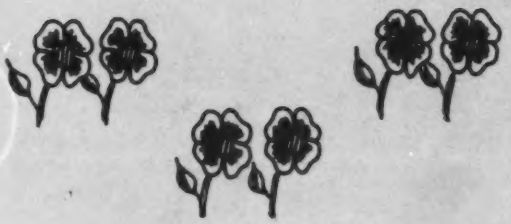
Completa.

Meia dúzia = 6



□

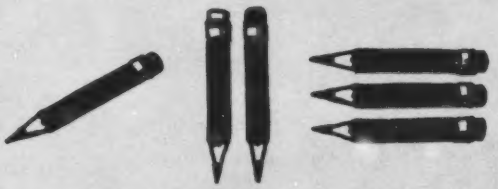
3+□



2+2+□

1+□

□+4



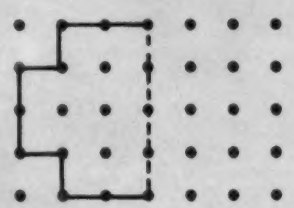
1+□+□

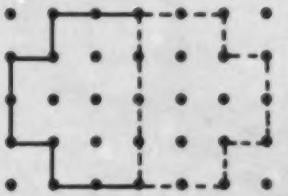
213

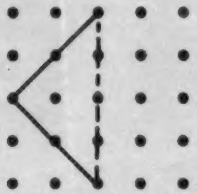
*Associar o número **6** com meia dúzia.*

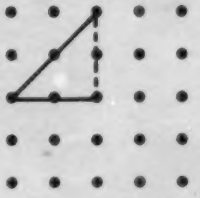
Simetria

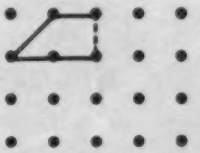
Desenha a outra metade de cada gravura de forma a completá-la.

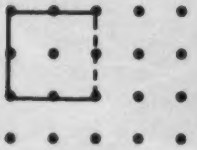


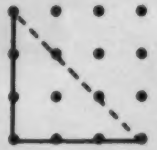


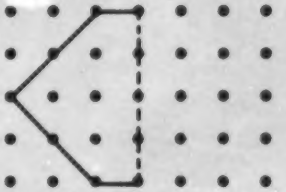












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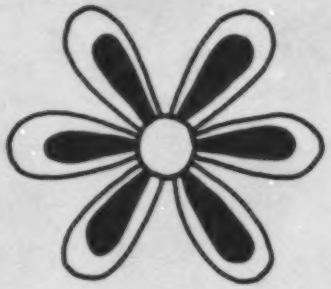
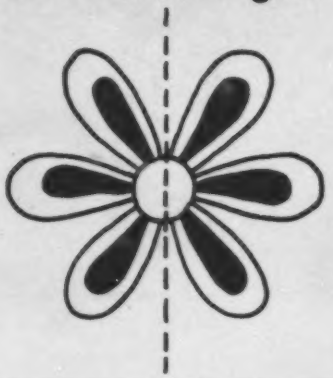
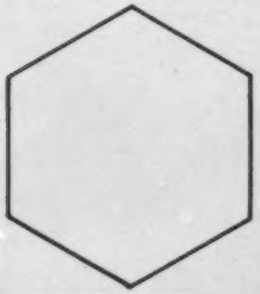
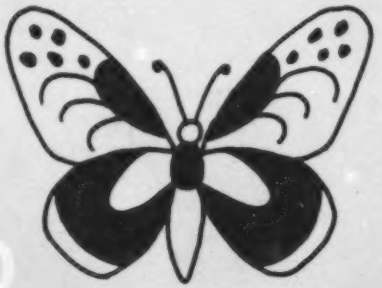
Simetria: Completar gravuras.

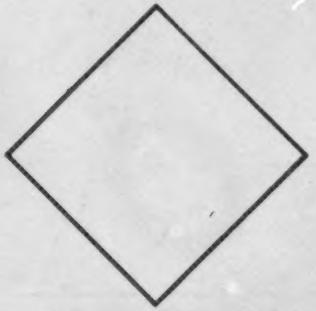
Com uma linha, divide ao meio cada uma das gravuras.







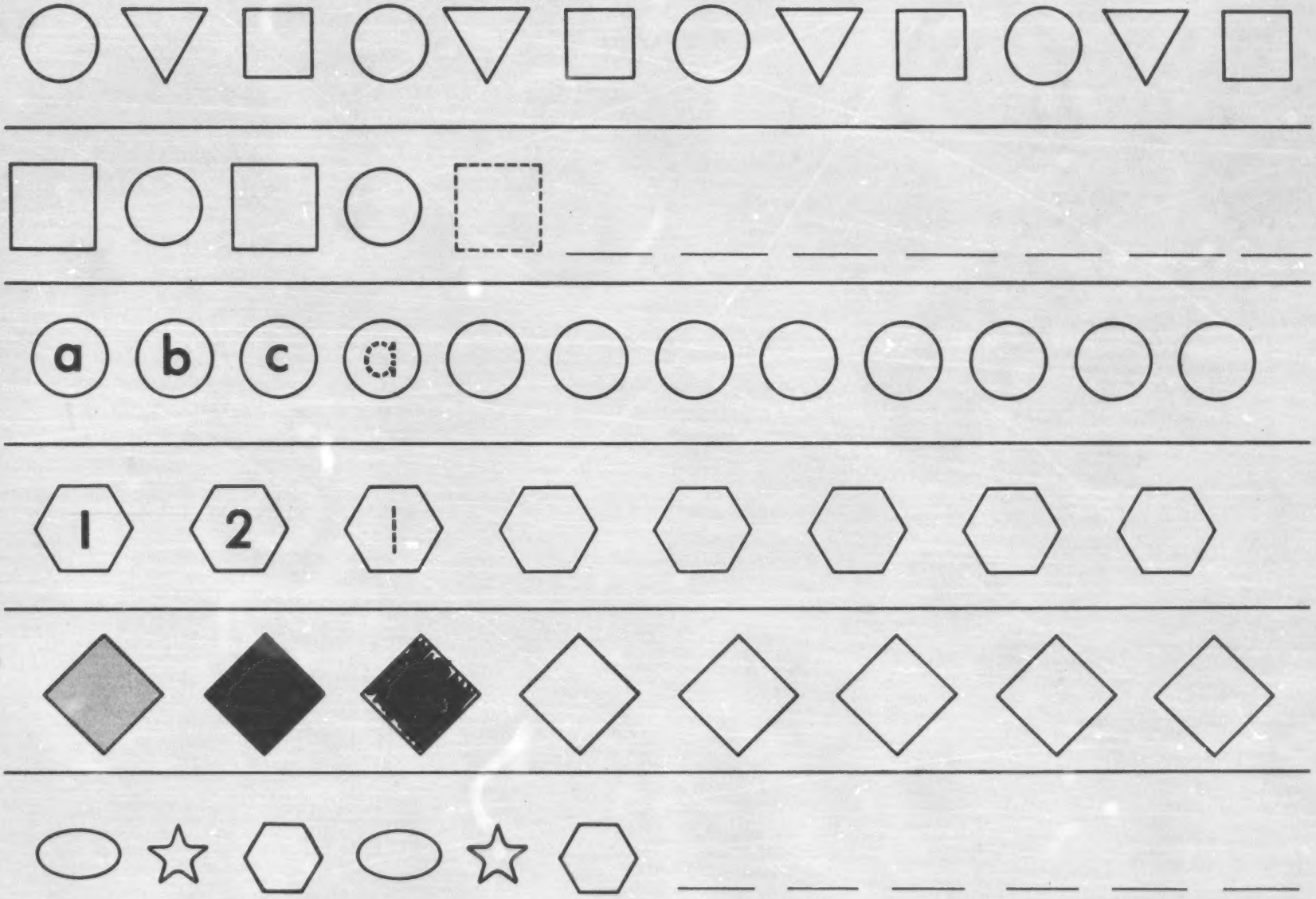




Demonstrar simetria.

Sequências

Completa as sequências.



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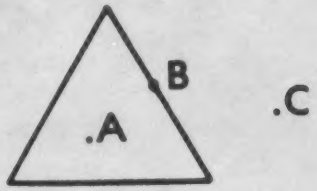
Completar sequências.

Pontos

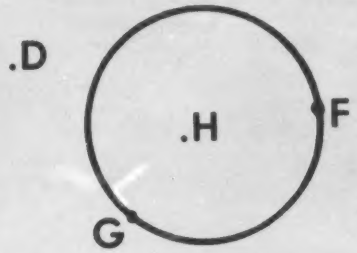
Escreve na ____ a(s) letra(s) correcta(s).



Dentro do △ A

Fora do △ ____

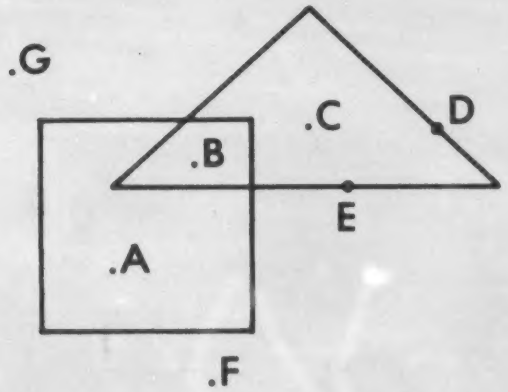
Sobre o △ ____



Dentro do ○ ____

Fora do ○ ____

Sobre o ○ ____



Dentro do □ ____

Dentro do △ ____

Fora do □ ____

Fora do △ ____

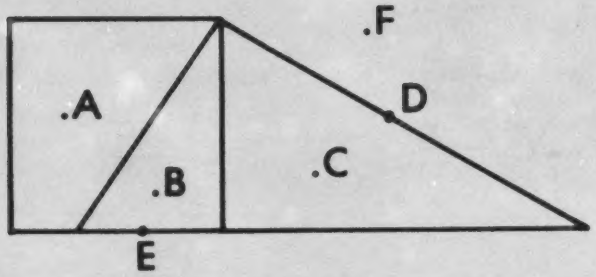
Sobre o △ ____

Dentro do □ e dentro do △ ____

217

Identificar: Dentro, fora, sobre.

Escreve na ____ a(s) letra(s) correcta(s).



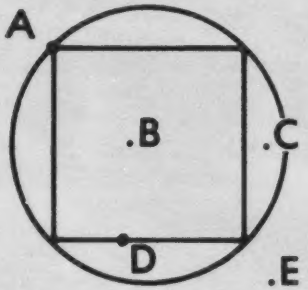
Dentro do △ ____ Fora do □ ____

Dentro do □ ____ Sobre o △ ____

Fora do △ ____ Sobre o □ ____

Sobre o △ e sobre o □ ____

Dentro do △ e dentro do □ ____



Dentro do ◯ ____ Fora do □ ____

Dentro do □ ____ Sobre o □ ____

Sobre o ◯ e sobre o □ ____

Dentro do ◯ e fora do □ ____

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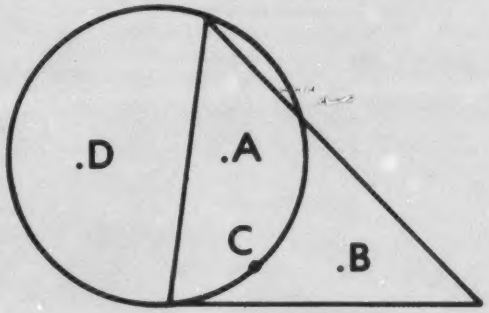

Dentro do ◯ ____

Dentro do △ ____

Sobre o ◯ ____

Dentro do △ e dentro do ◯ ____

Dentro do △ e fora do ◯ ____

Dentro do ◯ e fora do △ ____

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Identificar: Dentro, fora, sobre.

Pinta a gosto o número de objectos indicado em cada fila.

3

1

5

2

4

Revisão: Conjuntos, números e numerais.

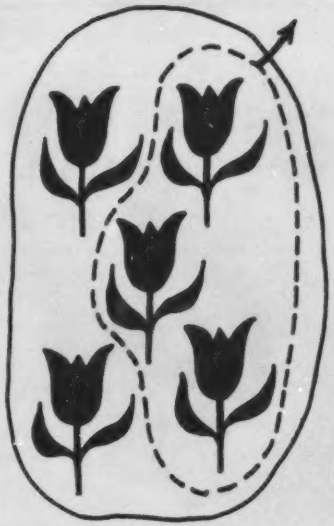
Escreve no ☐ o numeral que falta.

$$\begin{array}{r} 2 \\ +1 \\ \hline \square \end{array}$$

$2 + 1 = \square$

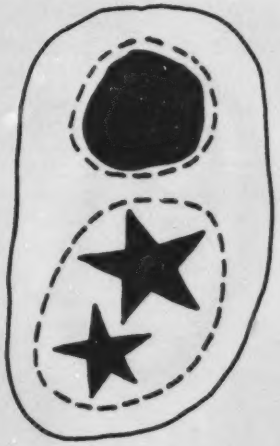
$$\begin{array}{r} 4 \\ -1 \\ \hline \square \end{array}$$

$4 - 1 = \square$



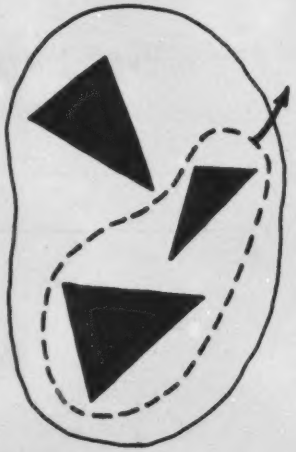
$$\begin{array}{r} 5 \\ -3 \\ \hline \square \end{array}$$

$5 - 3 = \square$



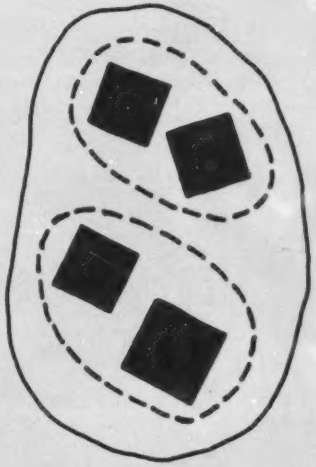
$$\begin{array}{r} 0 \\ +2 \\ \hline \square \end{array}$$

$0 + 2 = \square$



$$\begin{array}{r} 3 \\ -2 \\ \hline \square \end{array}$$

$3 - 2 = \square$



$$\begin{array}{r} 2 \\ +2 \\ \hline \square \end{array}$$

$2 + 2 = \square$

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Relacionar uma equação com uma adição ou subtracção.

Escreve no ☐ o numeral que falta.

3 + 1 = ☐	5 − 1 = ☐	1 + 4 = ☐
4 + 0 = ☐	4 − 2 = ☐	0 + 2 = ☐
1 + 1 = ☐	3 − 0 = ☐	2 + 1 = ☐
3 + 2 = ☐	2 − 1 = ☐	0 + 1 = ☐
2 + 2 = ☐	5 − 3 = ☐	3 + 0 = ☐
0 + 3 = ☐	4 − 1 = ☐	5 − 2 = ☐
1 + 2 = ☐	2 − 2 = ☐	4 − 0 = ☐
4 + 1 = ☐	1 − 0 = ☐	3 − 1 = ☐
5 + 0 = ☐	5 − 4 = ☐	2 − 0 = ☐
1 + 3 = ☐	4 − 3 = ☐	5 − 5 = ☐

Escreve no ☐ o numeral que falta.

3 + 1 = 4	4 + 1 = ☐	1 − 0 = ☐	5 − 1 = ☐
2 + 0 = ☐	5 + 0 = ☐	4 − 2 = ☐	2 − 2 = ☐
1 + 1 = ☐	2 + 1 = ☐	5 − 3 = ☐	4 − 3 = ☐
2 + 3 = ☐	1 + 2 = ☐	3 − 1 = ☐	5 − 2 = ☐
0 + 4 = ☐	1 + 3 = ☐	2 − 0 = ☐	3 − 2 = ☐

3	4	5	2	1	2	3
−2	−1	−4	+1	+0	−1	−3
☐	☐	☐	☐	☐	☐	☐
4	1	5	3	4	3	0
−0	+4	−1	−0	−4	+0	+5
☐	☐	☐	☐	☐	☐	☐

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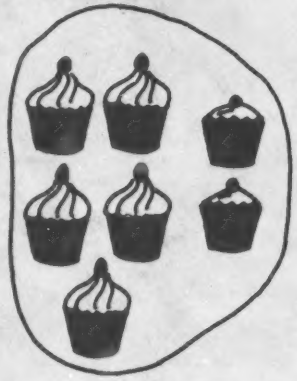
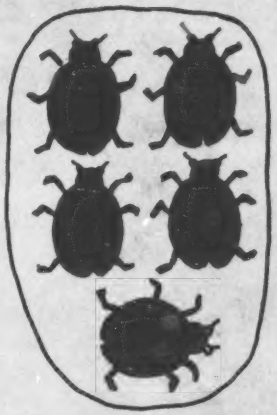
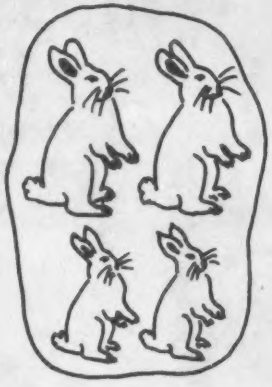
Escreve no □ o numeral correcto.

4 +1 = □	5 −3 = □	2 +1 = □	1 +3 = □	4 −2 = □	5 −0 = □	3 −2 = □
5 −2 = □	□ +3 = 5	4 − □ = 3	2 −2 = □	□ +1 = 3	1 + □ = 4	2 −1 = □
3 + □ = 3	□ −5 = 0	4 +0 = □	1 + □ = 5	□ −3 = 1	1 +1 = □	□ +3 = 3

Escreve o numeral correspondente ao número de elementos em cada conjunto.







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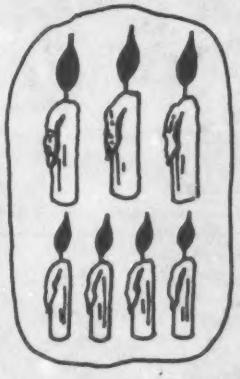

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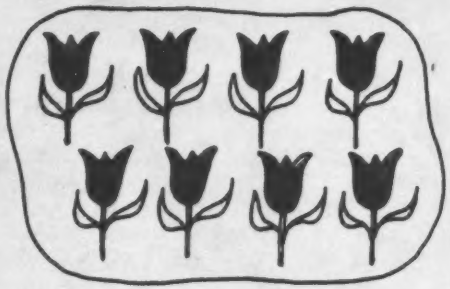
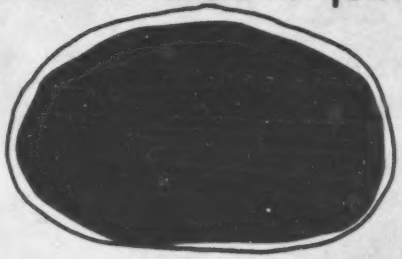
Faz um ◯ à volta do numeral que indica o número de elementos em cada conjunto.

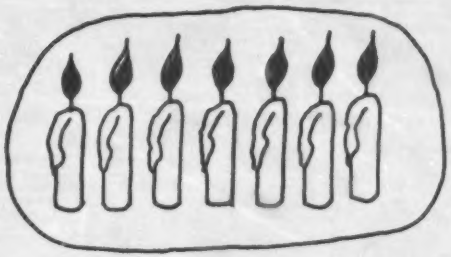
1 2 (3)



7 8 9

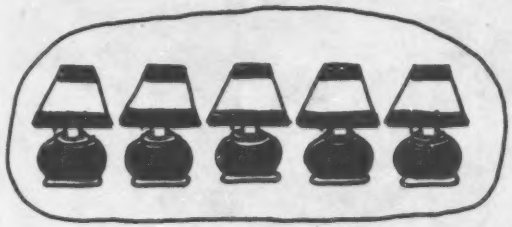


8 9 0

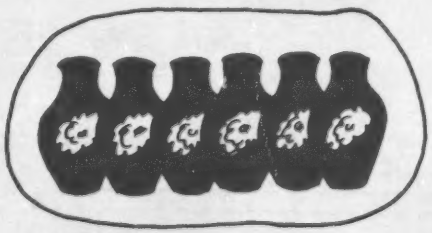


5 7 9

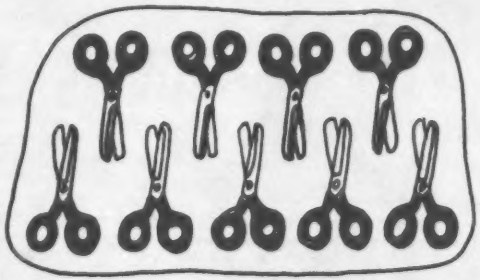
0 1 2



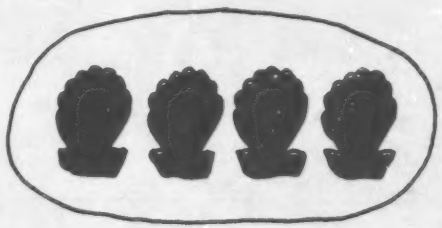
5 6 7



4 6 8

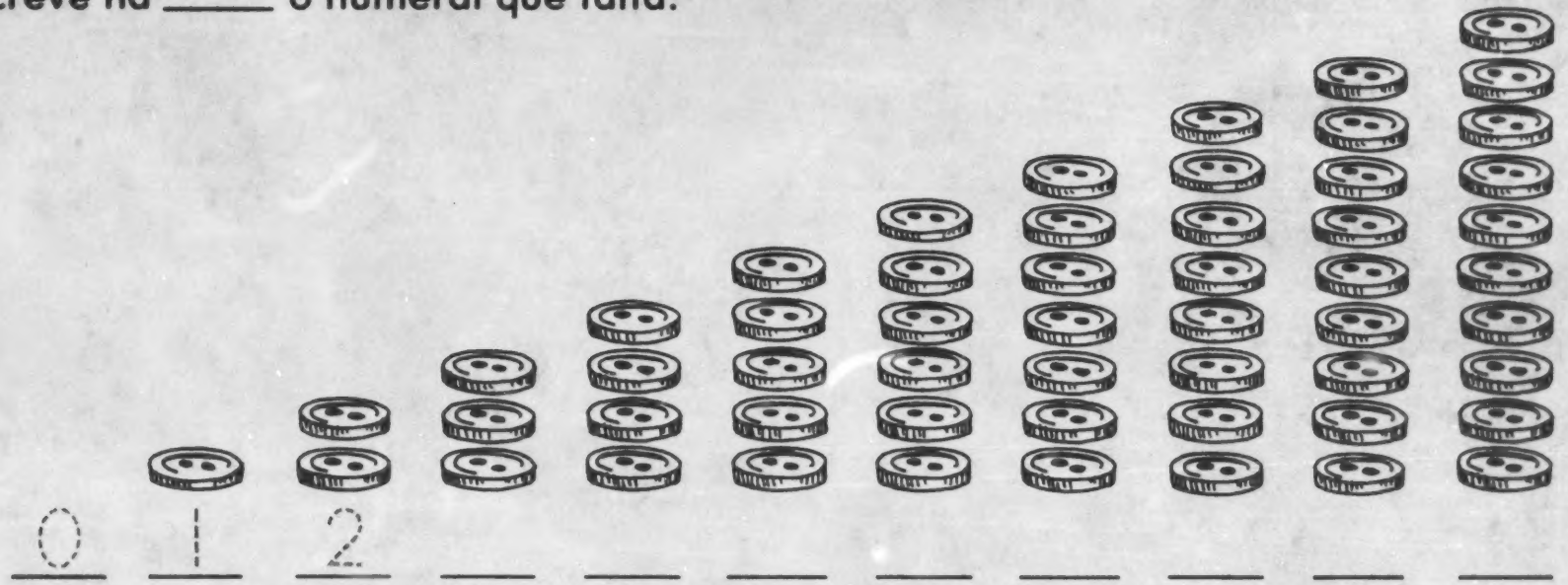


9 0 1



2 3 4

Escreve na _____ o numeral que falta.



4, 5, ___	___, 9, ___	6, ___, 8
7, ___, 9	___, ___, 7	8, ___, ___
___, 1, 2	3, ___, ___	___, 3, ___

Revisão: Sequência numérica de 0 a 9.

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Soma.

3	2	4	4	3
+4	+3	+0	+6	+5
7				
7	3	6	2	4
+2	+1	+1	+5	+2
5	4	0	9	1
+5	+3	+2	+1	+7

462

Escreve no ☐ o numeral correcto.

3 +4 = ☐	6 +3 = ☐	8 −2 = ☐	5 +2 = ☐	9 −4 = ☐	6 +4 = ☐	5 +4 = ☐
8 −3 = ☐	6 −5 = ☐	7 +2 = ☐	9 −3 = ☐	3 +7 = ☐	5 +1 = ☐	7 −6 = ☐
8 −8 = ☐	6 −2 = ☐	4 +5 = ☐	3 +2 = ☐	8 −1 = ☐	9 −7 = ☐	6 −4 = ☐
5 +5 = ☐	8 −1 = ☐	6 −6 = ☐	8 +1 = ☐	7 −5 = ☐	6 −3 = ☐	8 +2 = ☐

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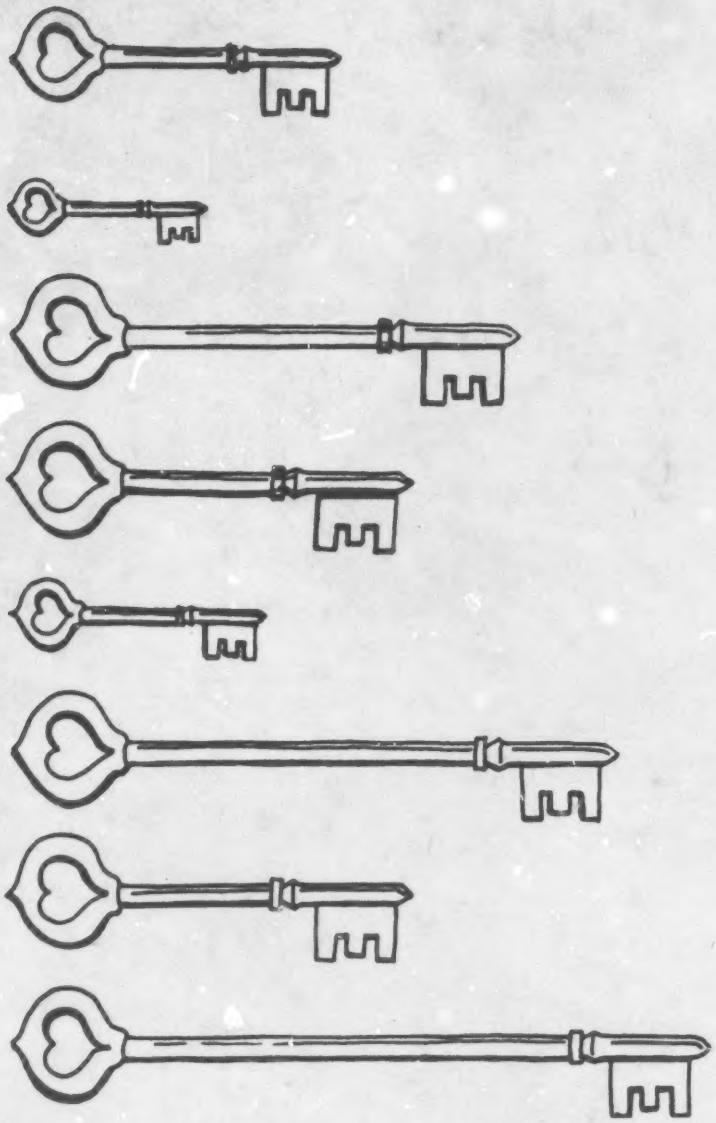
Escreve no ☐ o símbolo + ou −.

3	☐	5 = 8	4	☐	1 = 5	2	☐	5 = 7
9	☐	4 = 5	5	☐	2 = 3	4	☐	4 = 0
6	☐	2 = 8	8	☐	2 = 10	1	☐	7 = 8
7	☐	3 = 4	7	☐	1 = 6	5	☐	4 = 9
4	☐	2 = 6	5	☐	4 = 1	7	☐	5 = 2
9	☐	1 = 8	6	☐	2 = 4	6	☐	3 = 3
7	☐	3 = 10	3	☐	4 = 7	2	☐	6 = 8
6	☐	1 = 5	5	☐	5 = 0	3	☐	7 = 10
1	☐	8 = 9	7	☐	2 = 5	4	☐	2 = 2
6	☐	6 = 0	2	☐	7 = 9	3	☐	6 = 9

Pinta de azul os que forem mais compridos; de verde os que forem mais curtos; e de vermelho os que forem do mesmo comprimento.



230

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Revisão. Comparar objectos em relação ao comprimento.

Faz um X sobre os objectos mais curtos do que [redacted]

231

Revisão: Comparar objectos em relação ao comprimento.

Completa com os numerais que faltam.

1 dezena e____ unidades

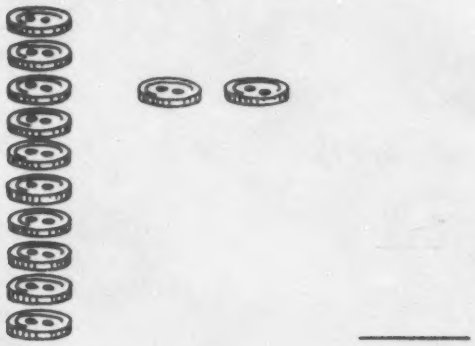
10+____=□

1 dezena e____ unidades

10+____=□

1 dezena e____ unidades

10+____=□

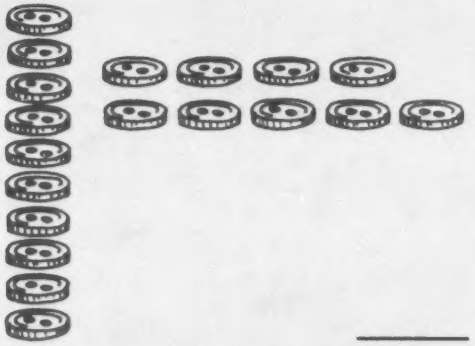


____

____

____

232



____

____

____

Agrupar em dezenas e unidades.

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Liga o numeral ao conjunto equivalente.

14

13

10

12

11

19

15

17

16

18

Sequência numérica (10-19).

Liga os pontos por ordem numérica.

Sequência numérica de 1 a 49.

475

475A

Escreve no ☐ o numeral correcto.

60 + 4 = 64	52 é igual a ☐ dezenas e ☐ unidades
50 + 9 = ☐	64 é igual a ☐ dezenas e ☐ unidades
60 + 0 = ☐	59 é igual a ☐ dezenas e ☐ unidades
50 + 3 = ☐	61 é igual a ☐ dezenas e ☐ unidade
50 + 6 = ☐	57 é igual a ☐ dezenas e ☐ unidades
60 + 5 = ☐	68 é igual a ☐ dezenas e ☐ unidades
60 + 3 = ☐	54 é igual a ☐ dezenas e ☐ unidades
60 + 8 = ☐	65 é igual a ☐ dezenas e ☐ unidades
50 + 7 = ☐	56 é igual a ☐ dezenas e ☐ unidades
60 + 1 = ☐	60 é igual a ☐ dezenas e ☐ unidades

235

Escreve no ☐ o numeral correcto.

0	1	2	3	4	5				9
10					15				
20									
30					35				
40									
50								58	
60					65				
70									
80					85				
90									

$40 + 6 = \square$

$\square = 30 + 7$

$85 = \square + 5$

$20 + 8 = \square$

$\square = 90 + 6$

$57 = \square + 7$

$30 + 4 = \square$

$\square = 60 + 2$

$53 = \square + 3$

$10 + 9 = \square$

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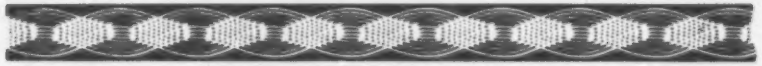
Revisão: Numeração de 0 a 99.

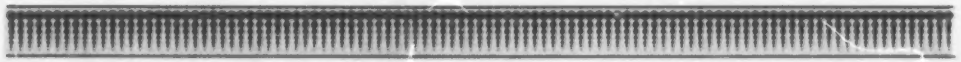
Quantos centímetros mede cada fita?

3 centímetros



_____centímetros

_____centímetros



_____centímetros

_____centímetros

_____centímetros

_____centímetros

Medir comprimentos em centímetros.

Escreve no ☐ o numeral correcto.

10 − 3 = ☐	10 − 6 = ☐	3 + ☐ = 10
6 + ☐ = 10	1 + ☐ = 10	9 + ☐ = 10
8 + ☐ = 10	10 − ☐ = 8	10 − ☐ = 9
10 − 0 = ☐	2 + ☐ = 10	10 − ☐ = 10
10 − ☐ = 6	10 − ☐ = 5	☐ + 6 = 10
10 − 1 = ☐	10 − ☐ = 3	7 + ☐ = 10
10 − ☐ = 0	10 − ☐ = 1	10 − ☐ = 4
238 ☐ + 3 = 10	4 + 6 = ☐	10 − ☐ = 7
5 + ☐ = 10	☐ + 2 = 10	10 − 8 = ☐
10 − ☐ = 2	1 + 9 = ☐	☐ + 5 = 10

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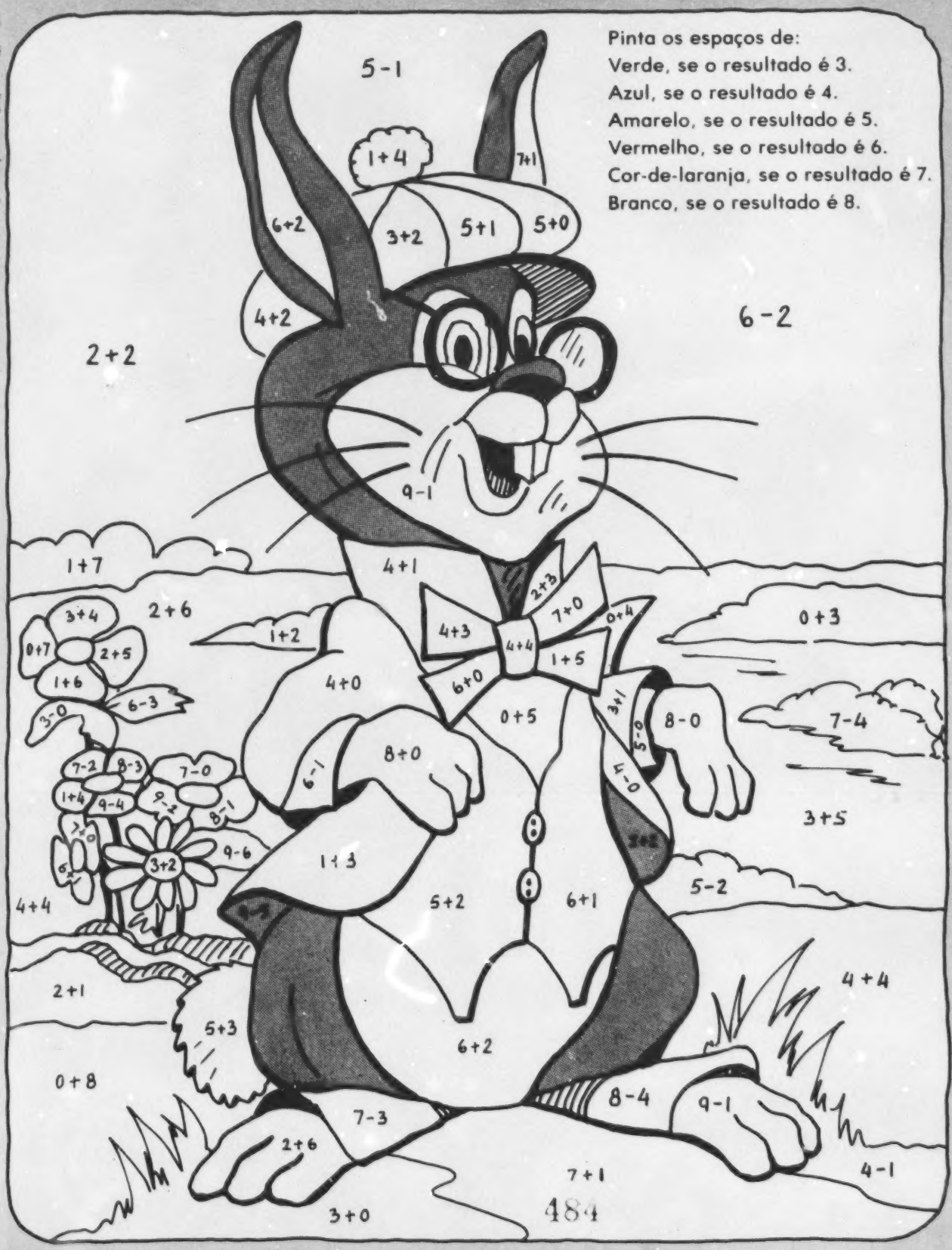
Pinta os espaços de:
Verde, se o resultado é 3.
Azul, se o resultado é 4.
Amarelo, se o resultado é 5.
Vermelho, se o resultado é 6.
Cor-de-laranja, se o resultado é 7.
Branco, se o resultado é 8.
5-1
1+4
7+1
6+2
3+2
5+1
5+0
4+2
2+2
6-2
9-1
1+7
4+1
2+3
7+0
0+4
3+4
2+6
0+3
4+3
4+4
1+5
0+7
2+5
1+2
1+6
6-3
4+0
6+0
3-0
0+5
3+1
8-0
5-0
7-4
7-2
8-3
7-0
8+0
6-1
4-0
1+4
9-4
9-2
8-1
3+5
9-6
3+2
1+3
2+2
5-2
4+4
5+2
6+1
4+4
2+1
5+3
6+2
0+8
8-4
9-1
7-3
2+6
4-1
7+1
3+0
484
239

Resolve as seguintes operações:

45	3	23	6	55	0	17	2
+3	+45	+6	+23	+0	+55	+2	+17
52	5	91	2	34	5	73	4
+5	+52	+2	+91	+5	+34	+4	+73
35	38	11	17	33	33	80	85
+3	−3	+6	−6	+0	−0	+5	−5
93	95	76	79	41	49	21	24
+2	−2	+3	−3	+8	−8	+3	−3

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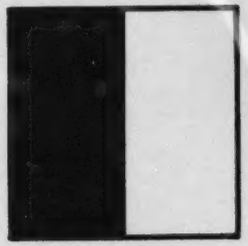
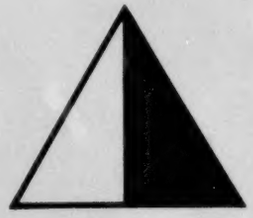
Faz um ◯ à volta da fracção que representa a parte colorida de cada figura.



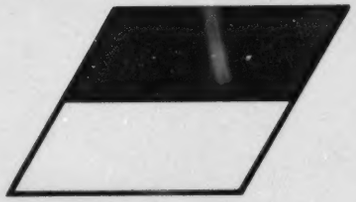
$\frac{1}{3}$ $\frac{1}{2}$

$\frac{1}{3}$ $\frac{1}{2}$

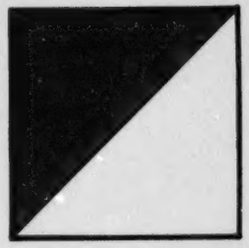
$\frac{1}{3}$ $\frac{1}{2}$



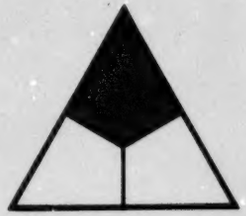
$\frac{1}{3}$ $\frac{1}{2}$



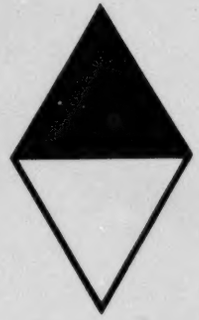
$\frac{1}{3}$ $\frac{1}{2}$



$\frac{1}{3}$ $\frac{1}{2}$



$\frac{1}{3}$ $\frac{1}{2}$



$\frac{1}{3}$ $\frac{1}{2}$

241

Resolve as seguintes operações:

30	40	60	10	50	20	40	50
+40	+30	+10	+60	+20	+50	+50	+40
20	50	10	30	50	80	40	60
+30	−30	+20	−20	+30	−30	+20	−20
40	90	30	60	40	70	20	70
+50	−50	+30	−30	+30	−30	+50	−50
20	40	70	90	60	70	10	90
+20	−20	+20	−20	+10	−10	+80	−80

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Resolve as seguintes operações:

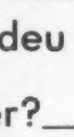
20	70	22	27	34	37	30	40
+50	−50	+5	−5	+3	−3	+10	−10
30	90	33	39	82	86	40	60
+60	−60	+6	−6	+4	−4	+20	−20
20	50	76	77	45	48	30	60
+30	−30	+1	−1	+3	−3	+30	−30
60	80	12	18	54	59	10	50
+20	−20	+6	−6	+5	−5	+40	−40

Conta a história. Completa-a com os numerais que faltam.

A Amélia tem um álbum com desenhos.
Já tem 54 desenhos colados.
Se a mãe lhe der mais 20,
com quantos ficará?

___

No recreio há 37 e 42 .
Quantas crianças são ao todo?____

Ele tinha 58  . Já vendeu 13 .
Quantos lhe falta vender?____

O Toni fez 40 .
A Ana fez 50 .
Quantas são ao todo?____

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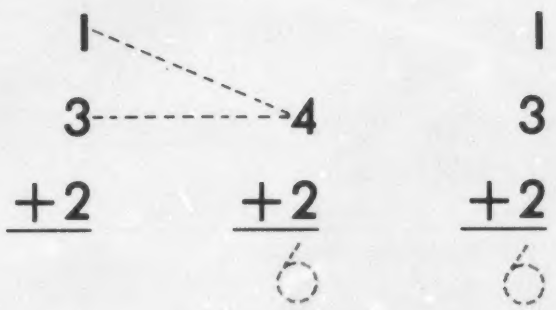
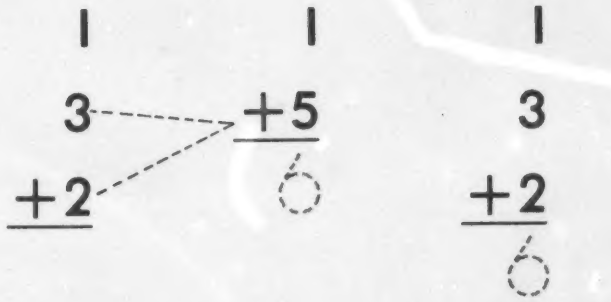
Soma.



1		1
3	4	3
+2	+2	+2
	6	6



1	1	1
3	+5	3
+2	6	+2
		6

2	5	2	6	2	4	4
1	2	2	2	0	2	4
+7	+1	+5	+2	+8	+3	+2

2	2	6	1	0	4	3	245
3	7	1	4	2	3	2	
+2	+1	+2	+3	+4	+3	+3	

Resolve.

10	10	10	10	10	10	10
+5	+4	+7	+1	+8	+2	+6
□	□	□	□	□	□	□
12	13	19	15	11	16	18
−2	−3	−9	−5	−1	−6	−8
□	□	□	□	□	□	□

10 + 2 = □	10 + 7 = □	16 − 6 = □
10 + 5 = □	10 + 4 = □	18 − 8 = □
10 + 3 = □	10 + 8 = □	12 − 2 = □
10 + 9 = □	15 − 5 = □	19 − 9 = □
10 + 1 = □	14 − 4 = □	13 − 3 = □
10 + 6 = □	11 − 1 = □	17 − 7 = □

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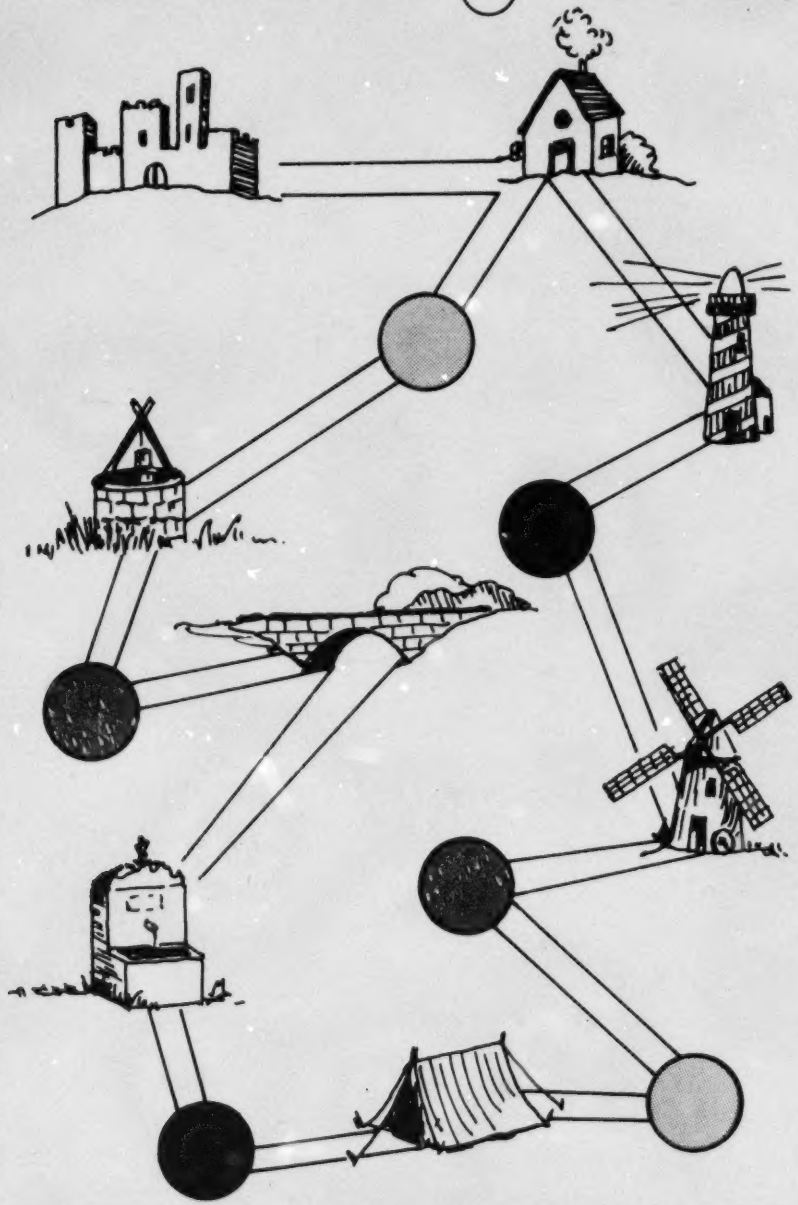
Resolve as seguintes operações:

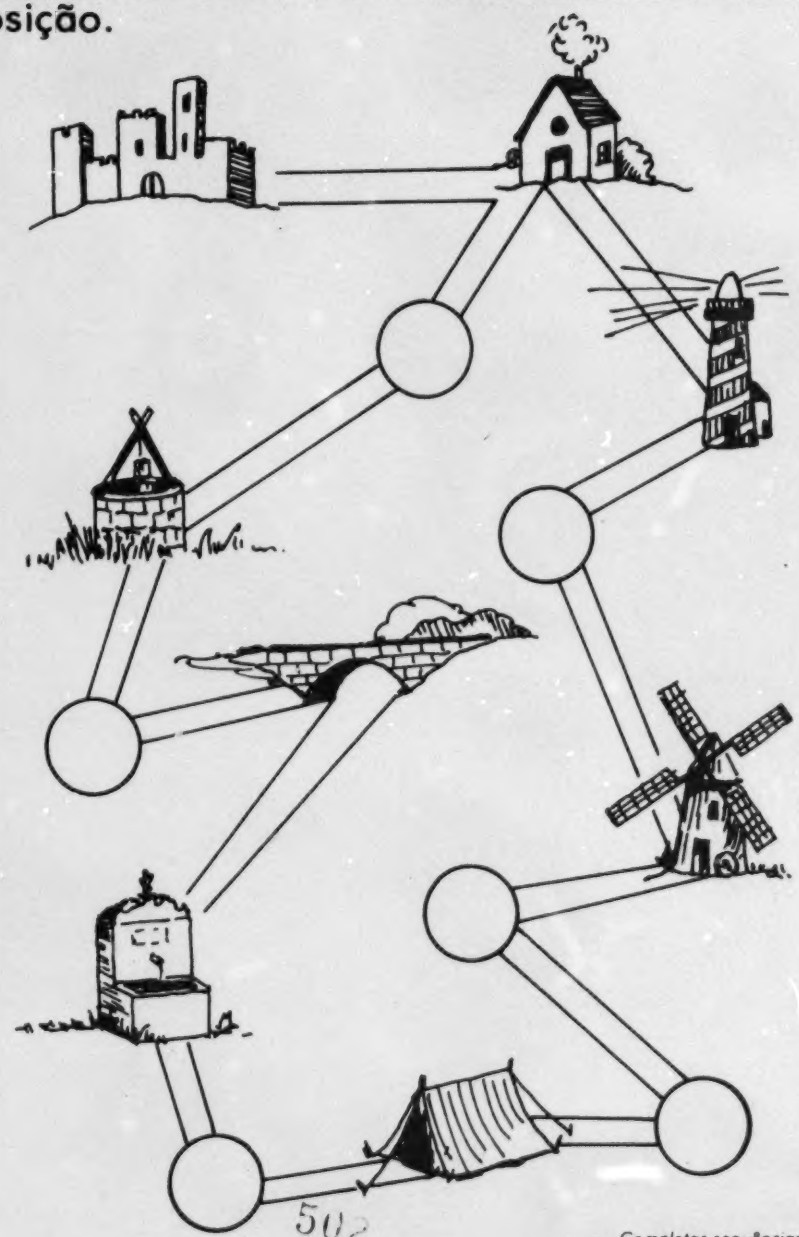
3	7	9	8	9	4	5
+8	+5	+6	+7	+9	+7	+8
15	12	16	14	13	17	11
−8	−4	−8	−7	−8	−9	−4
6	8	9	7	6	5	6
+8	+8	+4	+7	+7	+9	+6
18	13	15	17	11	14	16
−9	−6	−9	−8	−2	−6	−9

247

500

Pinta da mesma cor os ◯ 's na mesma posição.





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Completar sequências.

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[redacted]

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